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An Investigation of Pre-Adolescent Mood Structure

by

© Kar-La' Schokman-Gates

A THESIS

SUBMITTED TO THE FACULTY OF GRADUATE STUDIES AND RESEARCH

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.....
Supervisor

.....

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Date... June 8, 1981

DEDICATION

I would like to dedicate this study to my two children, Ajolie' Cherie and Tawnya Michele, who provided the perfect impetus for investigating the mood states of pre-adolescents.

ABSTRACT

The state of one's mood at any given time has long been associated with the occurrence of certain behavioral probabilities (e. g., Kantor, 1923; Nowlis & Nowlis, 1956; Pribram, 1970; Ryle, 1950; Skinner, 1957; Wyatt, 1932), nonetheless, it was not until the early 1950's that any thoroughgoing studies of this introspective area were attempted (Nowlis, 1961 & 1970); and, such research has been, to the present day, exclusively directed towards the adult realm. *No* investigations have been aimed at delineating the affective experiences of children, and in particular, those of pre-adolescents. The purpose of the present study, therefore, was first to determine the mood structure of youngsters aged seven to twelve, and then to relate this to findings in the adult domain.

Using already established adult mood adjectives, a preliminary list of 447 state-descriptive words and phrases was compiled. In order to ensure item-suitability for pre-adolescents, each word (or phrase) was assessed for comprehensibility and frequency within grades three through six. Additionally, the least frequent word of any of the "redundant-synonym" or antonym pairs, such as "angry"-"mad" or "happy"-"unhappy" was removed from the listing. As a countercheck on the utility of the remaining 114 items, two forms of a pilot instrument were constructed and administered during the first phase of this study.

The pilot-phase was, essentially, a verbal comprehension and association session given to several classes of third grade pupils. Phase 2 involved reduction of these data to 81 mood adjectives which had produced the greatest number of "meaningful mood associators". Additionally, it included the development of a measure which was derived from these items, and the testing of this instrument on 597 pupils in grades three through six. Correlation matrices for these children were submitted to principal component analyses, using varimax rotations. After five exploratory analyses were run, a final six-factor solution was obtained for each of the four sample groups of males (n=312) and females (n=282; grades were combined for each gender analysis), and grades 3/4 (n=311) and grades 5/6 (n=283; sexes were combined for each analysis within the grade divisions).

Factor-matching across samples yielded six meaningful unipolar dimensions, nonetheless, because of sex and age differences on factor loadings, selection of items to define a factor was individually done for each gender and grade division (3/4 vs 5/6). A factor was defined by those words or phrases which had an absolute loading of .35 or greater, with factor names being determined by a perusal of the aggregate meaning of these items, and on the basis of names given to similar factors in the adult domain. The six factors for both sexes and age groups in order of decreasing percentage of variance were: *Surgency*, *Sadness*, *Aggression*,

Mastery/Self-Esteem, *Depersonalization/Fatigue*, and *Frustration/Embarrassment*..

These findings were discussed in terms of replicability across gender and grades, as well as in reference to similarity between pre-adolescent and adult factors. Additionally, the effects of diurnal variation on mood were assessed and found to be significant on the first five factors, again replicating some findings of the adult literature. Implications for the future development of an <u>appropriate</u> pre-adolescent state measure, similar to the adult mood adjective checklists, are indicated, with further research possibilities being discussed based on its development.

ACKNOWLEDGEMENTS

It is with pleasure that I acknowledge the assistance of a number of people who contributed to the production of this thesis. Without the cooperation of over 1,000 individuals, including parents, teachers, and children, this research would not have been possible. And, foremost among these is my supervisor, Dr. Edgar Howarth, whose enthusiasm and expertise in the area encouraged me to undertake this project in the first place.

Grateful acknowledgement is also made to the Edmonton Public School Board for allowing me to come into their schools, and to Dr. Jim Battle of the Bureau of Child Study, who made the initial contact with each principal of the schools involved. A very special thanks, of course, is reserved for the principals, teachers, and children of the following Edmonton elementary schools: Brightview, Crestwood, Glendale, High Park, Westglen, and Youngstown.

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TABLE OF CONTENTS

CHAPTER		PAGE
I.	INTRODUCTION	1
	DEVELOPMENT OVERVIEW	5
II.	PHASE 1: PILOT TESTING	7
	A. RATIONALE FOR PHASE 1: ITEM SELECTION AND PILOT TESTING	7
	B. PROCEDURE FOR PHASE 1: PILOT TESTING OF MOOD DESCRIPTIVE WORDS	11
	SUBJECT SAMPLE	11
	PILOT INSTRUMENT	12
	PROCEDURE	13
	TREATMENT OF DATA	14
III.	PHASE 2: FACTOR ANALYTIC INVESTIGATION OF MOOD STRUCTURE	18
	A. RATIONALE FOR PHASE 2: FACTOR ANALYSIS OF MOOD STRUCTURE	18
	B. PROCEDURE FOR PHASE 2: TESTING OF PRE-ADOLESCENT MOOD STRUCTURE	19
	SUBJECT SAMPLE	19
	MOOD STRUCTURE MEASURE	20
	PROCEDURE	22
	TREATMENT OF DATA	24
IV.	RESULTS	31
	A. THE FINAL ANALYSIS: SIX-FACTOR SOLUTIONS FOR GENDER AND GRADES	34
	INTERPRETATION OF FACTORS	44
	B. DIURNAL VARIATION IN MOOD STATES	54
V.	DISCUSSION	77

A. IMPLICATIONS OF THE STUDY 96
B. SUGGESTIONS FOR FURTHER RESEARCH 105
REFERENCE NOTES 107
REFERENCES 108
APPENDIX 123

LIST OF TABLES

TABLE.....PAGE

TABLE 1 MOOD FACTORS FOUND IN THE ADULT POPULATION 9

TABLE 2 MEANINGFUL MOOD ASSOCIATORS TO THE WORD RECALL TEST 16

TABLE 3 SUBJECT DISTRIBUTION FOR PHASE 2 21

TABLE 4 STATISTICAL SIGNIFICANCE OF OPTIMAL ROTATION 39

TABLE 5 FACTOR SIMILARITY FOR SEXES AND GRADES 41

TABLE 6 FACTOR SIMILARITY FOR FEMALES AND GRADES 42

TABLE 7 FACTOR SIMILARITY FOR MALES AND GRADES 43

TABLE 8 MOOD FACTOR: SURGENCY--THE FINAL SOLUTION 45

TABLE 9 MOOD FACTOR: SADNESS--THE FINAL SOLUTION 47

TABLE 10 MOOD FACTOR: AGGRESSION--THE FINAL SOLUTION 48

TABLE 11 MOOD FACTOR: MASTERY/SELF-ESTEEM--THE FINAL SOLUTION 49

TABLE 12 MOOD FACTOR: DEPERSONALIZATION/FATIGUE--THE FINAL SOLUTION 51

TABLE 13 MOOD FACTOR: FRUSTRATION/EMBARRASSMENT--THE FINAL SOLUTION 52

TABLE 14 ANALYSIS OF VARIANCE AND MULTIPLE COMPARISONS FOR TIME ON SEX: MALES 55

TABLE 15 ANALYSIS OF VARIANCE AND MULTIPLE COMPARISONS FOR TIME ON SEX: FEMALES 59

TABLE 16 ANALYSIS OF VARIANCE AND MULTIPLE COMPARISONS FOR TIME ON GRADES: THIRD & FOURTH 63

TABLE 17 ANALYSIS OF VARIANCE AND MULTIPLE COMPARISONS FOR TIME ON GRADES: FIFTH & SIXTH 67

TABLE 18 COMPARISONS BETWEEN ADULT AND PRE-ADOLESCENT MOOD FACTORS 89

TABLE A WORD FREQUENCY COUNTS FOR SELECTED MOOD

ADJECTIVES 124
TABLE B MOOD FACTOR: SURGENCY 148
TABLE C MOOD FACTOR: SADNESS 149
TABLE D MOOD FACTOR: AGGRESSION 150
TABLE E MOOD FACTOR: FRUSTRATION/EMBARRASSMENT 151
TABLE F MOOD FACTOR: MASTERY/SELF-ESTEEM 152
TABLE G MOOD FACTOR: ERGIC TENSION 153
TABLE H CORRELATION COEFFICIENTS: FEMALES 154
TABLE I CORRELATION COEFFICIENTS: MALES 163
TABLE J CORRELATION COEFFICIENTS: GRADES 3/4 172
TABLE K CORRELATION COEFFICIENTS: GRADES 5/6 181
TABLE L FACTOR MATRIX: 6 FACTORS ON FEMALES 222
TABLE M FACTOR MATRIX: 6 FACTORS ON MALES 224
TABLE N FACTOR MATRIX: 6 FACTORS ON GRADES 3/4 226
TABLE O FACTOR MATRIX: 6 FACTORS ON GRADES 5/6 228

LIST OF FIGURES

FIGURE.....PAGE

FIGURE 1 DISTRIBUTION OF MEANINGFUL MOOD ASSOCIATORS 15

FIGURE 2 SCREE TEST ON SEXES 36

FIGURE 3 SCREE TEST ON GRADES 37

FIGURE 4 DIURNAL VARIATION IN PRE-ADOLESCENT MOOD FACTORS: SURGENCY 70

FIGURE 5 DIURNAL VARIATION IN PRE-ADOLESCENT MOOD FACTORS: SADNESS 71

FIGURE 6 DIURNAL VARIATION IN PRE-ADOLESCENT MOOD FACTORS: AGGRESSION 72

FIGURE 7 DIURNAL VARIATION IN PRE-ADOLESCENT MOOD FACTORS: MASTERY/SELF-ESTEEM 74

FIGURE 8 DIURNAL VARIATION IN PRE-ADOLESCENT MOOD FACTORS: DEPERSONALIZATION/FATIGUE 75

FIGURE 9 DIURNAL VARIATION IN PRE-ADOLESCENT MOOD FACTORS: FRUSTRATION/EMBARRASSMENT 76

FIGURE A FACTOR PLOTS: 6 FACTORS ON FEMALES 190

FIGURE B FACTOR PLOTS: 6 FACTORS ON MALES 198

FIGURE C FACTOR PLOTS: 6 FACTORS ON GRADES 3/4 206

FIGURE D FACTOR PLOTS: 6 FACTORS ON GRADES 5/6 214

I. INTRODUCTION

Ruckmick, in 1936, stated that "in the description of moods we...have neither a long literature on the subject behind us...nor any experimental work of note" (p.72). As was true almost half a century ago regarding the *entire* state area, so too is it true for the arena of *child* mood states. In fact, a comprehensive review of the mood literature, undertaken in collaboration with my supervisor and reported elsewhere (Howarth & Schokman-Gates, 1981), indicates that there has not been a single study conducted which could be veritably termed a query into such affective childhood experiences.[1] On the other hand, several investigators have focused attention on at least one *trait-state* descriptor--that of childhood anxiety (Castaneda, McCandless, & Palermo, 1956; Sarason, Davidson, Lighthall, Waite, & Ruebush, 1960; and Spielberger, 1970). But, here too, researchers are forced to conclude "that despite the significances which are attributed to anxiety in the development of the child, systematic research {into its affective state} is practically nonexistent" (Sarason et

---

[1]Although several recent studies using pre-adolescent children have attempted to either assess their mood, or actually induce a specific mood (e.g., Barnett, King, & Howard, 1979; Bourgeois-Bailetti, & Cerbus, 1977; Cameron, 1975; Rosenhan, Underwood, & Moore, 1974; Underwood, Froming, & Moore, 1977), none has used an objective method to determine the effectiveness of their procedures. Others, such as Barton and Cattell (1974), or Lira, White, and Finch (1977), have employed adult state measures with adolescent subjects. This latter procedure appears to be a common practice when the subjects used are within their teen years (McNair, Lorr, & Droppelman, 1971b; Zuckerman & Lubin, 1965).

al., p.81).

Yarrow (1979) notes that, just as with an adult, the child's mood state may have a very profound affect on his interactions with the environment: "Feelings may facilitate or interfere with learning; they may enhance attention to stimuli or they may bias perception and distort interpretation of events. When a child is joyful, he or she is likely to be aware of different aspects of a situation and interpret it differently than when angry" (p.953). Yarrow then goes on to emphasize the need for specific mood measuring techniques in order to delineate the important roles which emotions play in child development.

Likewise, Sarason et al. (1960) and Spielberger, Anton, & Bedell (1976) have noted the deleterious effects of negative mood state on the child's classroom performance, while Izard (1960) has found positive affect to be significantly associated with enhanced intellective functioning, and greater receptivity to the environment. Such findings would appear to be of considerable relevance to the school situation, and yet, no systematic studies of this area have been undertaken.

Perhaps a primary reason for the dearth of scientific concern in this field rests on the fact that there is presently available no instrument which could be considered

appropriate [2] for measuring the affective states of pre-adolescents. In fact, Sarason et al. assert that "the absence of attempts to even develop such a measure has made it extremely difficult to determine the comparability of findings from different studies" (p.82), since such investigations have employed everything from projective assessments to the behavioral ratings provided by parents and/or teachers.

Although there have been various instruments devised for the measuring of personality in the pre-adolescent group [3]-the most notable being the downward extension of Cattel's 16PF (Porter, Cattell, & Ford,1968)--no such consideration has been given to the state aspect of personality, with the possible exception of Spielberger's *State-Trait Anxiety Inventory for Children* (Spielberger, Edwards, Lushene, Montuori, & Platzek, 1973). But this measure too may have its problems, for (1) due to the method of development, Spielberger's adult inventory (Spielberger, Gorsuch, &

---

[2]As mentioned previously, the only objective measures of mood that have been used for children have been the adult forms of the mood adjective checklist. Such usage implies that state structure in children is identical to that of the adults, as well as assuming that the mood descriptive items have similar comprehensibility and connotative levels for both groups. As Lira, White, and Finch (1977) noted, even some adolescents found these adjectives to have very little meaning in regard to their fluctuating levels of mood state, with in fact, "a number of the adjectives {being} absent from the lexicon of this population" (p. 535). Results such as this indicate the need for an age-appropriate multiple mood instrument.

[3]A perusal of Buros (1970), Comrey et al. (1973), Chun et al. (1975) and Johnson and Bommarito (1971) indicates that there is a considerable number of childhood personality tests, rating scales, and adjustment measures.

Lushene, 1970) has been found to actually be a measure of stress and depression, rather than one of trait and state anxiety (Cattell, 1973); and (2) Endler (1978) notes that the children's version may thus, likewise, be contaminated. Additionally, even though the STAIC does purport to measure the "subjective, consciously perceived feelings of apprehension, tension, and worry" (Spielberger et al., p.3), its restricted focus and age range (nine to twelve years old) obviate any utility it may have for assessing the *multiple* mood states of pre-adolescent children. Consequently, due to the lack of appropriate state scales (see footnote 2), the major intent of this study was first to determine the mood structure of pre-adolescents, and then to relate this to findings in the adult realm, in order to expedite the construction of a pre-adolescent state measure which may relate the latter to the former. [4]

Integral to this investigation was the use of the factor-analytic strategy (Kelly, 1967) in order to determine answers to the following four queries:

1) Can one general dimension of state fluctuation account for the affective experiences of the pre-adolescent (i.e., are the moods of such youngsters still, as yet,

---

[4] A comprehensive series of studies carried out by Cattell and his associates revealed "that source traits are not significantly fewer at the child level and that they appear to be of the same nature--behaving more like abilities than dynamic interest traits. Moreover, matching shows them to have essentially the same identities" (Cattell, 1973, p.97). Thus, a further matter of interest to me was that of determining whether mood states might also have parallel forms in the adult and child populations.

largely undifferentiated)?

2) Are the affective states of pre-adolescents generally similar?

3) Are there replicated marker (see footnote 15) patterns with each of the major mood factors found in these children?

4) In what ways, if any, do these childhood mood factors differ from those of the adult? [5]

Development Overview

Before the investigation of any personality variable, certain preliminary steps must be taken dependent upon the construct employed. For my specific purposes, a review of the relevant literature was undertaken in order to satisfy the following objectives:

1) to determine the present state of the mood measurement field, including the possible existence of a pre-adolescent *multiple* mood measure;

2) to examine presently-used child personality and adult mood instruments as a guide to developing an appropriate test format;

3) to locate and assemble an age-appropriate source pool of state adjective descriptors;and

4) to select the most suitable method of presentation and analysis in order to compare child mood dimensions with

---

[5]Concomitant with this objective will be the investigation of diurnal effects on the children's mood levels, since time-of-day variance has been found in the adult realm (e.g., Taub & Berger, 1974).

those of the adult.

Based on the subsequent information gathered regarding these objectives, the developmental method used in this study consisted of two distinct phases.

II. PHASE 1: PILOT TESTING

A. Rationale for Phase 1: Item Selection and Pilot Testing

In the preceding chapter comment was directed towards the importance of studying moods, in general, and those of children, in particular. Turning now to the method for investigating such childhood personality factors, a number of considerations must be related in detail. To this end, Chapters II and III will deal with the methods used for the two distinct phases of the study, each corresponding to its developmental aspects as noted in Chapter I.

A measuring technique which appears to be most appropriate for the present study is that of the mood adjective checklist (MACL). As Masterson (1975) noted in her critique of this procedure, "the adjective checklist is unparalleled as a personality technique....since it is easy to administer and score, yet can be complex enough to cover a broad range of behaviors; {the adjective checklists} typically present subjects with a meaningful and nonthreatening task which meets with a minimum of subject resistance; they can be analyzed a variety of ways, both rationally and empirically; and they are... a valid source of information in personality assessment" (pp.303, 305). Additionally, their use within the adult population is fairly extensive--in fact, it is *the* measure of choice in the majority of mood studies (Nowlis, 1965 & 1970)--with many investigators considering the MACL to be "the best of

all the self-report measures.... in many respects equal to objective behavioral measures" (Radloff & Helmreich, 1968, p.48).

Accordingly, the main reason for employing an MACL in this study, was the fact that almost all research on adult mood dimensions has been primarily carried out with the use of this measure (Howarth & Schokman-Gates, 1981). Most of our existing knowledge of mood dimensions is based upon (a)application of checklists by various investigators, and (b)subsequent delineation of a number of mood factors (Table 1). It will be noted in this table, that all ten of the studies have used adults, that nine of these have employed factor analysis, and that while there is no absolute agreement, some similarity of emerging dimensions may be seen. The eight main fac[redacted] in the literature, therefore, may be catagorized as follows: *optimism/well-being/surgency, sadness/depression, anger/hostility, sleep vs vigor, concentration vs confusion, anxiety, agreeable/social affection,* and *egotism*. It was my expectation that some, though not necessarily all, of these adult factors might also appear in the pre-adolescent population. And, consequently, if I had hoped to equate child mood structure with that of the adult, I had to of course use the same *type* of measuring instrument. Nevertheless, due to the problems inherent to research with immature subjects (Cattell, 1973), none of the presently-employed MACLs could be considered suitable for investigating the domain of childhood mood

Table 1

MOOD FACTORS FOUND IN THE ADULT POPULATION

Hendrick & Lilly (1970) factor analytic study	Howarth (1979) factor analytic study	Lorr, Daston & Smith (1967) factor analytic study	Lorr & Shea (1979) factor analytic study	McNair & Lorr (1964) factor analytic study
Surgency	Aggression	Cheerful	Composed-Anxious	Tension-Anxiety
Anxiety-Hostility	Scepticism	Energetic	Confident	Anger-Hostility
Egotism	Egotism	Angry	Energetic-Tired	Depression-Dejection
Fatigue-Activation	Outgoingness	Tense-Anxious	Dejected	Vigor-Activity
Elation	Control	Thoughtful	Agreeable-Angry	Fatigue-Inertia
Sadness	Anxiety	Depressed	Cheerful	Friendliness
Concentration-Involvement	Cooperative	Inert-Fatigued		Confusion
Social Affection	Fatigue	Composed		
	Concentration			
	Sadness			

McNair, Lorr & Droppleman (1971) factor analytic study	Mercatoris, Wilcoxon-Craighead Craighead & Schrader (1979) factor analytic study	Meyers (cited in Radloff & Helmreich, 1968) factor analytic study	Nowlis (1970) Nowlis & Green (1965) factor analytic study	Zuckerman & Lubin (1965) empirical study
Tension-Anxiety	Happy/Sad	Anger	Aggression	Anxiety
Depression-Dejection	Anxiety/Dysphoria	Happiness	Anxiety	Depression
Anger-Hostility	Surgency	Fear	Surgency	Hostility
Vigor-Activity	Fatigue/Energy	Depression	Elation	
Fatigue-Inertia	Concentration	Psychological Well-Being	Nonchalance	
Confusion-Bewilderment	Anger	Lehtargy	Concentration	
			Fatigue	
			Social Affection	
			Sadness	
			Skepticism	
			Egotism	
			Vigor	

states. Accordingly, the first step in this study was determining just which adjective descriptors *would* be efficacious for use with pre-adolescents.

Using already established mood adjectives, and words taken from a perusal of appropriate word lists[6] , a preliminary compilation of state descriptive words and phrases was determined (see Appendix, Table A). Such mood connotations were not restricted to mere feeling *adjectives*, but they also included those functional and behavioral aspects which are often found to be manifestations of various mood states--for example, a phrase such as, "I feel like crying" (Jacobson, 1957).

From this list of 447 items, a reduced set of 81 mood descriptors was arrived at by the following means: 1) After assessing each word (or phrase) as to its comprehensibility, via the Thorndike-Lorge word book (1952) and Rinsland's Basic Vocabulary for Elementary School Children (1945)[7], only those mood descriptors which were found to be of high frequency in grades three through six were retained for stage two of the winnowing process. 2) From this new list,

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[6]The actual sources included in this selection process were: Brodie, 1973; Castaneda, McCandless, & Palermo, 1956; Davitz, 1970; Gough, 1952; Howarth, Note 1; Lipsitt, 1958; Lorr, Daston, & Smith, 1967; McNair, Lorr & Droppleman, 1971a,b; Meyers (cited in Radloff & Helmreich, 1968); Nowlis & Green, 1965; Russell & Mehrabian, 1977; Spielberger, 1970; Wessman & Ricks, 1966; and Zuckerman & Lubin, 1965.

[7]Due to the out-dating of word usage and/or increased sophistication of elementary school children, additional use was also made of two newer word frequency corpora; Wepman's and Hass' A Spoken Word Count (1969), and The American Heritage Word Frequency Book of Carroll, Davies, and Richman (1971).

the least "frequent" word of any of the "redundant-synonym" or antonym pairs, such as "angry"-"mad" or "happy"-"unhappy", was then removed. And 3) as a countercheck on the utility of the remaining 114 items (since geographic as well as temporal factors were different from the above-used sources), two forms of a pilot instrument were next constructed and administered.

B. Procedure for Phase 1: Pilot Testing of Mood Descriptive Words

The pilot testing was, essentially, a verbal comprehension and association session given to several classes of third grade pupils. Each form of the "Word Recall Test" was presented to a different class in one of Edmonton's lower socio-economic elementary schools. It was assumed that if a "feeling" word or phrase was *meaningfully* understood by these seven- and eight-year olds, then such items could safely be included in a measure which spans the upper elementary school years.

Subject Sample

The two third-grade classes, divided by form, sex, and age, resulted in the following sample composition:

1. Form A, 9 males: 2 seven-year olds and 7 eight-year olds
2. Form A, 12 females: 3 seven-year olds and 9 eight-year olds
3. Form B, 15 males: 1 seven-year old and 14 eight-year olds

4. Form B, 10 females: 2 seven-year olds and 8 eight-year olds

Although a very small n was used in this phase of the study, it was not considered to be of any real significance since the testing merely served as a further validating and winnowing-down process for those descriptors previously chosen on the basis of frequency counts.

Pilot Instrument

The pilot instrument consisted of 114 mood descriptors which had previously been determined as falling within the comprehension range of third grade pupils (see prior section of this chapter). Due to such a large number of items, it was thought adviseable to only present one half of this amount to any particular group of children. Consequently, the mood descriptors were arranged in alphabetical order, with every even-numbered item comprising Form A, and every odd-numbered one comprising Form B. To the right of each mood descriptor there was a line provided for the child to write down what he understood the word to mean (see Appendix for the forms and exact instructions)[8].

Because I wanted the children to take this activity seriously in order to obtain an accurate assessment of their

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[8]Although the methods were independently developed, an analogous procedure has been used with trait descriptors in order to determine whether or not there exists an adult consensus regarding the connotations of such terms. Fiske and Barack (1976) found that "despite the individuality of interpretations, the item sampling produced parallel, practically interchangeable scales {with those having been originally provided as the stimuli}" (p.339), thus indicating the existence of broad connotative consensus.

comprehension of mood descriptors, both forms of the measure were titled "Word Recall Test". Due to the students' prior history with classroom exams, it was assumed that by having the word "test" at the top of this two-page form, the children would more readily attend to the task at hand.

Procedure

The two classes were visited on the same morning during November, 1979, between 9:00 and 10:20 A. M. I first introduced myself to the children, and then passed out the "Word Recall Test", explaining that I was interested in finding out certain things about girls and boys who were in the third grade.

After asking for descriptive information, I then told the children that they were going to work through the list of 57 words together with me:

> I'll first read out the number, and then the word which follows it. What I would like *you* to do, is to write down two words which could describe feelings or moods you might have that are related to the word. For example, when I look at the word "glad", I think of the words "happy" and "smiling", because if I were glad about something, then I'd be happy and I'd feel like smiling.

Because young children have a tendency to dawdle when there are no time strictures, the classes were told that they would have 1/2 minute to write down each set of their two mood associators. Hence, when 30 seconds had elapsed from the reading of the prior item, I then instructed the children to look at the next number and word. The approximate time for each session then, was 40 minutes,

including the additional 10 minutes necessary for introductions, instructions, and test distribution.

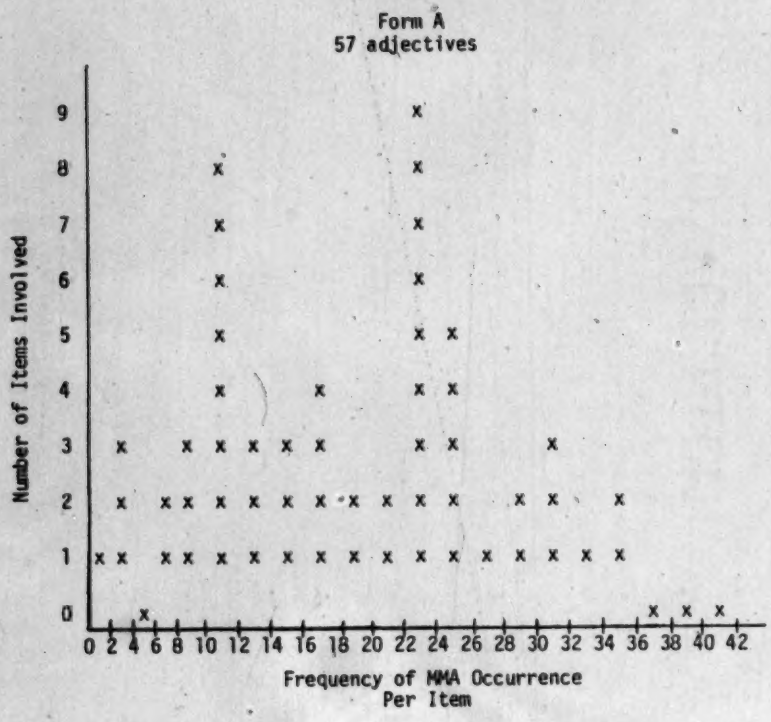
Treatment of Data

A tally was made of all "meaningful mood associators" (MMAs) which the 46 children had written down to the mood descriptive stimuli. A word or phrase was defined as an MMA if it was 1) a mood synonym to the test item, such as "unhappy" given to the stimulus word "sad"; or 2) a response which could be readily associated with the test item, such as the word "proud" given to that of "brave". Idiosyncratic associators, although plausibly connected with the stimuli, were not included in the final tally. Examples of these associators would be non-mood words such as "straight" and "smooth" given to "calm", or evaluative words such as "bad" and "ugly" given to "cocky". Antonyms also were excluded, since it would be impossible to tell whether the child actually understood the stimulus word's meaning: "Scared" is probably an MMA to "hopeless", but if it is given to "hopeful", then the child may just be confusing the two "hoping" words.

Figure 1 provides a distribution of response frequency, while Table 2 presents an alphabetical listing for those terms which had MMA values of 14 or more (based on 1 for each MMA given), or which were, themselves, often-cited MMAs. It will be noted in Figure 1 that each "x" represents one item which has an MMA value equal to the frequency count given by the abscissa. The maximum MMA value for any item on

Figure 1

DISTRIBUTION OF MEANINGFUL MOOD ASSOCIATORS (MMAs)


Form A
57 adjectives
Number of Items Involved
0 1 2 3 4 5 6 7 8 9
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42
Frequency of MMA Occurrence
Per Item

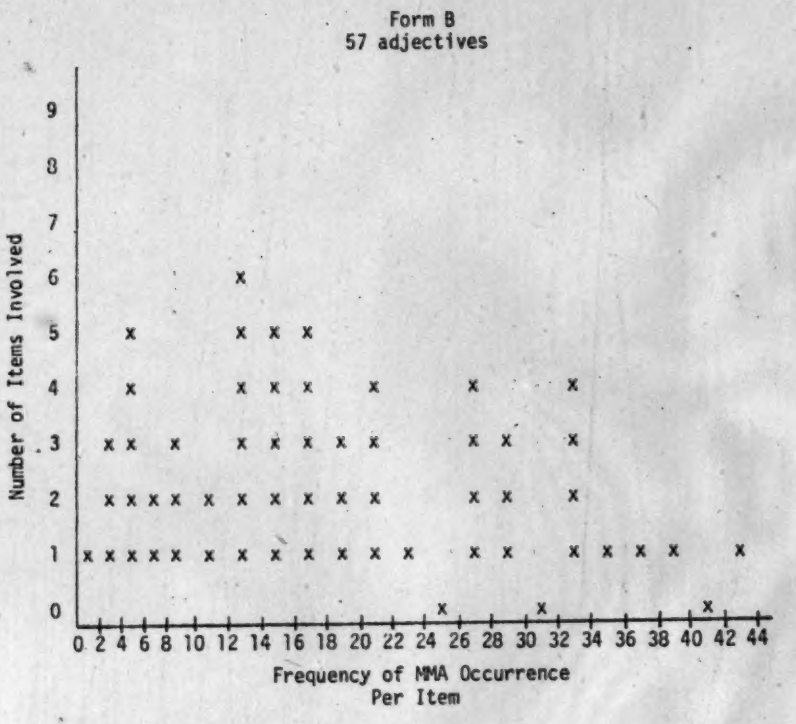

Form B
57 adjectives
Number of Items Involved
0 1 2 3 4 5 6 7 8 9
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44
Frequency of MMA Occurrence
Per Item

Table 2

Meaningful Mood Associators to the Word Recall Test

MMA Value of ≥ 14

Form A		(MMA value)	Form B		(MMA value)
1.	afraid	(28)	1.	active	(33)
2.	angry	(30)	4.	awful	(38)
3.	ashamed	(18)	5.	"blue"	(18)
4.	bashful	(15)	6.	bossy	(32)
5.	bored	(14)	7.	calm	(16)
6.	brave	(23)	8.	cheerful	(35)
**	like crying	(--)	9.	confused	(27)
9.	cruel	(24)	10.	cooperative	(15)
11.	disturbed	(17)	12.	disappointed	(43)
**	dumb	(--)	**	embarrassed	(--)
14.	fine	(28)	13.	excited	(26)
17.	furious	(15)	14.	fed-up	(27)
18.	like giving-up	(18)	15.	like fighting	(28)
**	great	(--)	18.	friendly	(33)
22.	grumpy	(23)	20.	giggly	(33)
23.	happy	(34)	**	glad	(--)
24.	helpful	(21)	**	good	(--)
25.	like hitting	(34)	22.	grouchy	(36)
29.	joyful	(27)	23.	handsome/pretty	(28)
30.	kind	(24)	26.	ignored	(14)
31.	lazy	(23)	28.	jealous	(19)
32.	lonely	(22)	29.	jumpy	(15)
33.	mean	(23)	30.	like kicking	(16)
35.	nervous	(23)	31.	like laughing	(21)
36.	okay	(30)	32.	liked	(17)
37.	playful	(23)	33.	lucky	(17)
39.	proud	(24)	34.	miserable	(28)
**	rotten	(--)	**	mixed-up	(--)
42.	sad	(24)	35.	needed	(17)
43.	sassy	(16)	37.	polite	(18)
44.	shy	(17)	38.	powerful	(27)
45.	like smiling	(33)	41.	rude	(15)
50.	terrible	(20)	45.	strange	(21)
51.	tired	(22)	46.	strong	(20)
**	tough	(--)	49.	bad-tempered	(23)
52.	trapped	(16)	53.	unkind	(14)
53.	unfriendly	(22)	**	upset	(--)
**	unwanted	(--)	**	weak	(--)
56.	like whining	(24)	**	weird	(--)
57.	wonderful	(31)	56.	worried	(21)
**	worthless	(--)			

** often-cited MMAs which were not original mood stimuli words

Form A would be 42, while this number for Form B would be 50. These values were derived from the fact that each child was asked to give two responses per mood word or phrase, and there were 21 and 25 children, repectively, who completed these forms. The cut-off point of 14 for acceptable terms, was chosen because it included approximately the top 60% of items as based on their MMA frequency of occurrence. Due to the fairly stringent requirements for acceptable MMAs (as presented in the prior paragragh), as well as the fact that those items which comprised both forms had already been assessed as to their comprehensibility for third grade pupils, it was believed that this top 60% would be a fairly solid base from which to begin the factor analytic study. Thus, from the original 114 mood descriptors submitted to this winnowing process, a total of 67 well-understood items resulted. To this list were added 14 more words supplied by the children as common MMAs, for an aggregate of 81 mood descriptive terms. It was from this base of 81 items that Phase 2 was begun.

III. Phase 2: Factor Analytic Investigation of Mood Structure

A. Rationale for Phase 2: Factor Analysis of Mood Structure

Royce (1950), noted that the "proper order" for any research program consists of three major steps: First, a factor analysis should be carried out on the selected set of a priori measures in order to determine both its basic factor structure and any other sources of variance operating.[9] Following this procedure, an analysis of variance for each of these "basic" factors should be conducted as a means of ascertaining the effects of demographic and situational variables. And *last*, carefully controlled laboratory experimentation may then be implimented with the knowledge that probable sources of error have already been determined. Due to its exploratory nature, this study employed steps one and two, with consideration being given to step three in the Discussion chapter of this manuscript.

Within the first step of such a research program, various research designs are possible depending upon the purposes of the study. The one most commonly associated with the mood area is that of R-technique factor analysis (all of

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[9]Fairly limpid presentations of this approach have been provided by Comrey (1973), Kim and Mueller (1978a,b), and Shontz (1965), with five main steps being delineated: 1) proper selection of the variables; 2) computation of the correlation matrix; 3) extraction of the unrotated factors; 4) rotation of these factors; and 5) adequate interpretation of the rotated factor matrix.

the factor analytic studies noted in Table 1 were based on the R-method). In this design, correlations between scales, and/or items within those scales, are obtained from a large group of subjects on one occasion. These intercorrelations then form the basis for the factors, which represent reduced subgroups of the original items. Such new groupings are capable of distinguishing among subjects as efficiently as did the larger number of initial measures. In addition to providing the means for more concise instruments, the R-technique design may also allow for the discovery of basic mood structure. Moveover, because the area of mood study has been virtually built upon such a technique, and, in order to allow for a comparable comparison to known state dimensions in the adult, the factor analytic strategy was determined to be the procedure most appropriate for use in the present investigation. It is to the further elucidation of this investigation that we now turn.

B. Procedure for Phase 2: Testing of Pre-Adolescent Mood Structure

Subject Sample

This phase of the study involved the participation of 597 pre-adolescent pupils chosen from six schools in the Edmonton Public School District.[10] Grades three through six

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[10]One caveat of the factor analytic method is that subjects should total not less than three times the number of variables being investigated (Cattell, 1973), with "acceptably good studies" using at least five times as many persons as items (Cattell, 1978; Nunnally, 1978).

were represented, as were students within several of the remedial learning groups, and all levels of socioeconomic strata. All children within these classes who were present on the day of testing were included in the study, with the exception of eight children whose parents had not consented to their participation (see Appendix for permission slip form). The 35 classes, divided by grade and sex, resulted in the sample distribution presented in Table 3 .

Mood Structure Measure

Because prior research into adult mood structure has been primarily based on the factor analysis of various mood adjective checklists (see previous section of this chapter), it was deemed appropriate to investigate the mood structure of children in the same manner. Accordingly, the measure used employed an MACL format , with modifications introduced in order to account for any lack of pre-adolescent ability to discriminate among various shadings of feeling states.

In reference to this latter consideration, a forced-choice answer format was believed to be the most applicable for the seven- to twelve-year old range, "since children are {assumed to be} not capable of so balanced a use of the middle {or additional} alternatives as are adults" (Porter, Cattell, and Ford, 1968, p.6). Further, because the measure was intended to be given within a group setting and to a large number of subjects, its format needed to be as simple as possible.

Table 3

Subject Distribution for Phase 2

GROUP	GRADE 3 (eight classes)	4 (ten classes)	5 (ten classes)	6 (seven classes)
Females				
n	64	83	76	61
mean age	8.09	9.18	10.15	10.97
age range	7-9 years	8-10 years	9-11 years	10-12 years
Males				
n	86	81	82	64
mean age	8.33	9.12	10.23	11.17
age range	7-10 years	8-10 years	9-12 years	10-12 years

Note. Heavy lines demarcate the four separate subject groups used in the final factor solutions of this study: Females vs Males (grades combined) and Grades 3 & 4 vs Grades 5 & 6 (sexes combined).

Toward these ends, the instrument consisted of 81 items, listed alphabetically on four pages (two sheets, front and back), to which the child was asked to respond by either checking the "Yes" or "No" space provided (see Appendix for measure and exact instructions). The items used were those state descriptors from Phase 1 which had been determined as having meaningful mood connotations for third grade students. Because it was felt that some children might react negatively to such a long list of items, the form was printed on colored paper, left untitled, and presented in as non-threatening a manner as possible.

Procedure

The 35 classes were individually tested during the months of November and December, 1979, after I had previously met with each teacher and principal of the schools involved. Convenient times were arranged with each instructor, resulting in the following distribution for the six school-day periods:

1)beginning of school day--6 classes

2)just prior to morning recess--10 classes

3)school period prior to lunch--6 classes

4)school period following lunch--4 classes

5)just prior to afternoon recess--4 classes

6)last period of the school day--5 classes

I first introduced myself to the children, and then passed out the untitled orange form and a computer-scored answer sheet explaining that I was interested in finding out

a few things about elementary school children.

After asking for the customary descriptive information to be written on the answer sheet, I then directed the children to look at the instructions at the top of the orange form as I read them aloud. Since it was necessary for the children to cognitively transfer their answers from the orange questionnaire to the white answer sheet, I went through the first item with each of the classes:

> Look at statement 1 on this page {the mood questionnaire}. It says "Right now I feel *good*[11].....Yes No ." Now look at number 1 on your answer sheet. If you feel good *right now*,[12] please fill in the "Y" or "Yes" box next to this number just as I'm doing on this sheet {see Appendix for example sheet}. If your answer is "No", then fill in this "N" box. We want your *true* feelings, so mark the first answer you think of after reading each statement.

In order to give even the slowest readers enough time to mark each of their answers, a seven-minute completion period was allotted for each page of items. To discourage dawdling, however, a reminder was given at the end of these

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[11]Although it is realized that the usage of "good" in this context was grammatically incorrect, it was decided that, due to its colloquial frequency, "Right now I feel good" served as a very clear example for what was being asked of the children.

[12]An emphasis was placed upon the immediate feeling ("*right now*"), since prior research has shown that the time interval covered by the instructions has a great influence on determining whether the measure is tapping states or traits (e.g., Martin, 1959; McNair & Lorr, 1964; Zuckerman, Persky, & Link, 1967). Additionally, "by making the checking of each word a commitment of the moment and not of a lifetime, we make the test a prompt or probe....Thus the verbal responses and feelings which vary together with other responses in a mood are endorsed with greater probability in that mood than at other times. The subject is not *describing* his mood...he is publicly noticing his mood and feelings" (Nowlis, 1963, p. 78).

seven-minute intervals: "Almost everyone has now started on page 2 {or 3, or 4}. If you are not on page 2 {or 3, or 4} yet, please work a little faster." Additionally, a final reminder was given to the children concerning the total number of items they should have filled in on their answer sheets by the time they had reached the last statement on the mood questionnaire.

Treatment of Data

Information from each of the children's data sets was key-punched separately onto two standard IBM data cards. The 81 dichotomous items were assigned values of 1="Yes" and 2="No", while females were coded as 0 and males as 1. School grade also entered into the analysis, with 3, 4, 5, and 6 serving as codes for the third through sixth grades, respectively. Additionally, diurnal variation was considered, with values of 1 through 6 representing the six previously-determined school periods.

The possibility of response set was considered prior to the actual analysis, with a perusal of the data sheets revealing position or acquiescent sets for only three of the children.[13] Therefore, from the original 597 data sets, 594 were included in the final result procedures. The few

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[13]Third-grade pupils were the respondents on all of the biased sets, with two of those children having been recruited from the remedial learning group; the third youngster was of Metis extraction, and appeared to have trouble reading the test material. The position effects noted in this study then, appeared to be related more to attention span and levels of comprehension, than to any inherent characteristics of the measure or the testing situation.

missing responses which were present were handled by randomly assigning a "yes" or "no" value to each.

Separate analyses of variance and multiple comparisons were first run on subgroups of grades and sex in order to determine the appropriate subject composition for the factor analyses. Additionally, these procedures were used to ascertain which, if any, time-of-day effects were present in the data.

The factor method chosen for this study was that of principal-component analysis (with principal axes extraction), followed by varimax rotation. In this type of factor analysis, unities are retained in the principal diagonal of the correlation matrix instead of placing estimates of communality in these slots. By using unities in the diagonal the analysis will maximize the sum of the square loadings of each factor, thereby accounting for more of the variance than would loadings obtained by any other method. Because factor analysis is now widely-accepted as being concerned with the linear combination of actual variables, "...to compute that loading from the correlation of sums, the formulas require that unities be placed in the diagonals of the correlation matrix. If anything other than unities are placed in the diagonal spaces, one is not correlating an *actual variable with a linear combination of actual variables*" (Nunnally, 1967, p. 348). Moreover, both Nunnally and Mulaik (1972) note that when exploratory factor studies employ over 20 variables, it really doesn't matter

what values are placed in the diagonals since the resulting factor loadings are almost identical for both principal-component and principal-factor analyses. Thus, they strongly recommend the use of PC plus varimax, since the latter is an orthogonal-rotation method which simplifies the actual factors themselves, and tends to produce invariant solutions even though changes may occur in the test battery.[14] "This combination of methods has worked so well for exploratory factor analysis that it becomes hard to improve upon. When an investigator is dissatisfied with the PC plus Varimax solution, usually it is because no simple, clear factor solution could be obtained by *any* method" (Nunnally, 1978, p. 385). Furthermore, Crawford and Ferguson (1970) and Cooley and Lohnes (1962) have noted that where the number of optimal factors is unknown, then the use of Varimax is highly preferred over any other.

Notwithstanding such enthusiasm, considerable discussion has revolved around the use of "little jiffy" (e.g., Cattell, 1973; Cooley & Lohnes, 1962; Lee & Comrey, Note 2), as this two-phase method is often called (Kaiser, 1970; Kaiser & Rice, 1974). Nevertheless, it was considered prudent for the present study to employ this technique due to both its utility in exploratory work, and its extensive

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[14]When the purpose of a factor analysis is to allow inferences regarding the basic structure of a personality domain on the basis of only a sample of variables from that domain, such an invariance property must be viewed as of the utmost importance: Slight changes in the sample of variables used would not be found to affect the basic inferences drawn, and thus, a more verdical structure may be obtained.

use in the personality domain. Additionally, since the major fault of the method concerns the use of inappropriately low cut-off points (eigenvalues) for factor extraction, the present investigation utilized very *conservative* values in the analyses: Instead of the commonly-used Kaiser-Guttman criterion (Kaiser, 1961; Guttman, 1954) of employing all unrotated factors that have eigenvalues of >1.0 prior to rotation, the first analysis used in this study set the minimum eigenvalues at >2% of the number of variables factored (Howarth & Browne, 1971). In this case, mineigen was 1.6, which would ensure that only components accounting for greater than 2% of the total variance would be treated as significant. With 81 variables, 328 correlations would be expected to reach a .05 significance purely by chance; by increasing the mineigen used, the influence of these spurious relationships would be decreased. Furthermore, when more than 50 variables are present in the analysis, the Kaiser-Guttman criterion has a tendency towards greatly over-estimating the number of dimensions involved (Linn, 1968; Velicer, 1977), by drawing uninterpretable factors into the analysis (Heise, 1973-1974).

Two other important decisions to be made before running a factor-analytic program are the number of factors to be extracted and the value of the variable loadings which will be accepted as adequate for factor definition. In reference to the first consideration, the number of factors extracted depends both upon the minimum eigenvalue set and the

communality estimates placed in the diagonal. Since unities are used in the PC method, the mineigen becomes of prime importance for the first analysis. Further honing of these results may then be accomplished by several methods, including 1)the use of a graphic representation of eigenvalues (Cattell, 1966b), so that natural breaks in the degree of slope may indicate the number of factors necessary (the "Scree test"); 2)the use of all factors which have at least three loadings of >3.5 [15]; 3)the use of factors whose number is approximately one-quarter the number of original variables and whose aggregate is found to account for 50%-75% of the total variance (Overall & Klett, 1972); 4)the use of a "substantive importance" criterion for setting the minimum proportion of the total variance which can be explained by any retained factor (Kim & Mueller, 1978b); and 5) the use of interpretable factors which account for 40%-60% of the total variance and have some inter-item correlations >.3 (Armor, 1973-1974).

Notwithstanding the various "number of factors" methods, or perhaps because of them, the most effectual criterion is believed to be a combination of techniques: "Accept only those conclusions that are supported by several independent criteria....the final judgement has to rest on the reasonableness of the solution on the basis of current

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[15]One common fault cited by Guilford (1967) and Cattell (1978) is the extraction of too many factors for the number of variables employed: A good rule is to have *at least* three markers (fairly-highly loaded variables) for every factor, with five being considered adequate (Comrey, 1973).

standards of scholarship in one's own field. This criterion is elusive, but fortunately or unfortunately, all of us must live with it in order to communicate our findings to our fellow scientists" (Kim & Mueller, 1978b, p.45).

A final consideration for any "structure-finding" factor analytic study is the issue of factor congruence across subject populations. Henrysson's monograph (1957) devotes considerable attention to the need for this congruence in exploratory factors, for even if simple structure has been reached, there is scant proof that the factors are elemental in the sense that they have any explanatory powers:

> A single factor analysis yields more or less unverified hypotheses as to factors which must be proved invariant through other factor studies employing other tests and in respect of other populations, before it can be said that the factors found have the generality required of factors with explanatory properties. (p. 111)

Accordingly, there are several research designs available which may be of service in verifying or refuting the existence of factor invariance. One of these, the configurational invariance method (factor similarity), was used in the present investigation.

The configurational invariance method (Thurstone, 1947) employs the analysis of responses given by different populations to the same set of variables. If caution is taken in regard to the sample populations (e.g. comparisons should not be made between 10 year-old boys and 60 year-old women since the putative factors would most assuredly be

different), then the size of factor loadings should be affected in proportion to the changes in variance of the different test items over the populations. This implies, of course, that the two factor structures are indeed congruent, for if that is so, then the configurations of these loadings should also be congruent.

Testing for such invariance involves not only statistical methods, such as Tucker's congruence coefficients, but also analysis of the structure content in order to ensure psychological similarity. When the factor matrices have been thus determined, they can be rotated together via a Procrustes solution, [16] at which time they are viewed as being invariant.

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[16]The Procrustes method of "confirmatory" analysis entails the forced rotation of one variable matrix in order that it may approximate an hypothesized factor structure. In essence, Procrustes solution provides the best estimate of a "target" factor matrix taken from a sample correlation or loading matrix, with the hypotheses to be confirmed being set by the nature of the target matrix (Nunnally, 1978). For my study, Matrix B was the target for factor congruence, while Matrix A received the forced rotation in Tables 5-7.

IV. Results

Descriptive statistics for males and females within each grade were computed separately (see Table 3 for subject distribution), with a clear demarcation being evident between the sexes, and between the lower and upper two grades (anova and multiple comparisons tables are obtainable from the author).[17] Due to this finding it was decided to run separate factor analyses on each sex within the combined grades of three/four and five/six.

The 81 variables described previously were intercorrelated for each of the four subgroups by means of the Pearson product-moment correlation coefficient. Factoring first for the above-noted "2% components" in each of the subgroups, it was discovered that too many uninterpretable factors had been extracted: The factors extracted to criterion (mineigen = 1.6) for males (ME34) and females (FE34) in the two lower grades each totalled 14, with "adequate" ($\geq .35$) and multiple loadings (more than three items) only on the first 10 factors. ME56 and FE56 showed similar patternings, although these older subgroups revealed one less factor at 13 each, with males having appropriate loadings on all 13, while females had them only on the first 10. Moreover, interpretable factors within each

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[17] Another common fault in many multivariate studies is the premature inclusion of diverse populations within the same analysis. As Guilford (1967) noted, it is inappropriate to pool data derived from different sexes and ages (grades in this case) for the purpose of computing intercorrelations, unless it can be shown that the differences between the populations on the test variables are insignificant.

subgroup were not consistent across the sex/grade samples. The four 81X81 matrices and the results of this first, inadequately-determined, factoring may be obtained from the author.

As Cattell noted (1973), "a single factoring, no matter how large the sample, proves nothing. In every one-shot factoring there are a few degrees of rotational uncertainty...only the massive verdice {sic} of consistency over experiments, populations, age groups, and so forth is good enough for conclusions on personality structure"(p. 285). Considering this caveat for factor-matching along with the results of the initial factoring, it was deemed prudent to do a further factoring on the correlation matrices.

Based on the immediate evidence of at least *ten* interpretable factors in each subgroup, as well as the frequently-found number of *ten* adult mood dimensions (Nowlis, 1965), a second factor analysis was conducted using the PC method, with specification being made for nfactors=*10*, instead of the prior mineigen value of 1.6. This analysis too, however, proved inadequate; for not only were there less than 10 factors having appropriate loadings for ME34 and FE56 (eight and nine, respectively), but in all subgroups there were found to be some variables which were highly-loaded on more than one factor (results may be obtained from the author). Since independent mood dimensions were an expectancy, I did not consider it appropriate to use factors which were "contaminated" in this manner, for it

might be indicative of a "degenerative fission" wherein one "actual" factor is found to split into two (Cattell, 1965). Of course, final selection of items for any future measure would entail the elimination of these reoccuring variables, but several of the factors upon which these items loaded *did* appear to be very similar in nature. Thus factoring, at nfactors=*8*,[18] was carried out.

Results from this analysis (obtainable from the author) indicated that once again too many factors had been extracted--at the most I was getting six fairly-robust mood dimensions, albeit different variables were loading on these factors across subgroups. A final reduction in the number of factors, then, was used to lessen these discrepancies.

The nfactors=*6* analysis provided four fairly clear-cut dimensions across three of the four sex/grade samples: *surgency* (optimistic vitality), *sadness*, *aggression*, and *mastery/self-esteem*.[19] The fourth group, females in the

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[18] The choice of eight factors was made on the same basis as that for ten: 1) If I hoped to get factor-matching across the sample of populations, I needed to measure at the lowest common denominator; and 2) since the only prior research in this area has been on adults, I had to use those results as guidelines in planning my research--in the adult domain twelve, ten, eight, six, and three mood factors have been determined, as measured by various multiple mood self-report instruments (Howarth & Schokman-Gates, 1981). Nevertheless, because this investigation was into a totally unexplored area, the principle of "factor-matching" would ultimately have to take precedence over that of "dimensions within the adult domain".

[19] There also appeared to be two fairly weak factors of *frustration/embarrassment* and *ergic tension* (Cattell, 1973) present in each of the four subgroups, albeit, these dimensions did not always "load" on the same items across samples.

fifth and sixth grades, did not evince similar loadings for the latter self-esteem dimension. In fact, that dimension for them (noting *only* the highest-loaded variables) was almost totally different than it was for the other groups, having items such as "bashful", "giggly", "like laughing", "shy", and "strong", as oppossed to "brave", "handsome (or) pretty", "powerful", "tough", and "*strong*" for the rest of the samples (see Tables B-G in the Appendix). In order to attempt a reconciliation of this difference, a final factoring was undertaken for the combined subgroups[20] of 1)females (grades 3-6), 2)males (grades 3-6), 3)grades 3/4 (females and males), and 4)grades 5/6 (females and males); correlation and factor matrices for these new analyses may be found in the Appendix, Tables H-K and L-O, respectively.

A. The Final Analysis: Six-Factor Solutions for Gender and Grades

Factor-matching across all four of these subgroups *was* accomplished for the above-noted mood dimensions of *surgency*, *sadness*, *aggression* and *mastery/self-esteem*, as

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[20]Although it was realized that a clearer factor solution might be obtained by factoring within the original homogeneous subgroups, Cattell (1978) noted that when a "type-common pattern" is aimed at, it is perfectly legitimate to "obtain the dimensions of a generic or even a composite population, ignoring species variations"(p. 512), since researchers have initially been interested in general patterns, with further specification being carried out using generically-based measures. Likewise, my interest is in finding, first, the *general* mood dimensions in pre-adolescents, and second, in determining what differences do exist in these *general patterns* based upon age (grade) and sex variables.

well as for two weaker factors of *frustration/embarrassment* and *depersonalization/fatigue*. A perusal of the first six-factor solutions undertaken (Appendix, Tables B-G), revealed a fission for the *ergic tension* and *frustration/embarrassment* factors in the upper two grades[21], thus possibly accounting for both the consolidation of an "old" factor (*frustration/embarrassment*) and the emergence of a totally new one in the final factoring: *Ergic tension*, which was believed to involve both positive and negative referents, appeared to now have become integrated into the single negative state of *depersonalization/fatigue*.

The eigenvalues (relative contributions to the total variance) for the six main factors, as well as for the succeeding 10, are shown in Figures 2 and 3. Similarity in each factor's contribution to the variance is observed for all of the subgroups, as is the Scree test indication for the presence of six or seven interpretable factors; by definition (Cattell, 1966b), those factors present beyond that number are seen as being common dimensions produced by a large number of small random errors. Additionally, tests for statistical significance of optimal rotation (Cattell, 1978) and factor congruence (Harman, 1967) indicate that at least the first four mood dimensions were very

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[21] *Ergic tension* in females of this age range was a bipolar factor whose negative aspects appeared to have very similar meaning to the negative dimension of *frustration/embarrassment*. On the other hand, males in this age range showed a reversal of the pattern, with *f/e* being bipolar and *ergic tension* revealing similarity to only the former dimension's negative aspects.

Figure 2

Scree Tests on Sexes

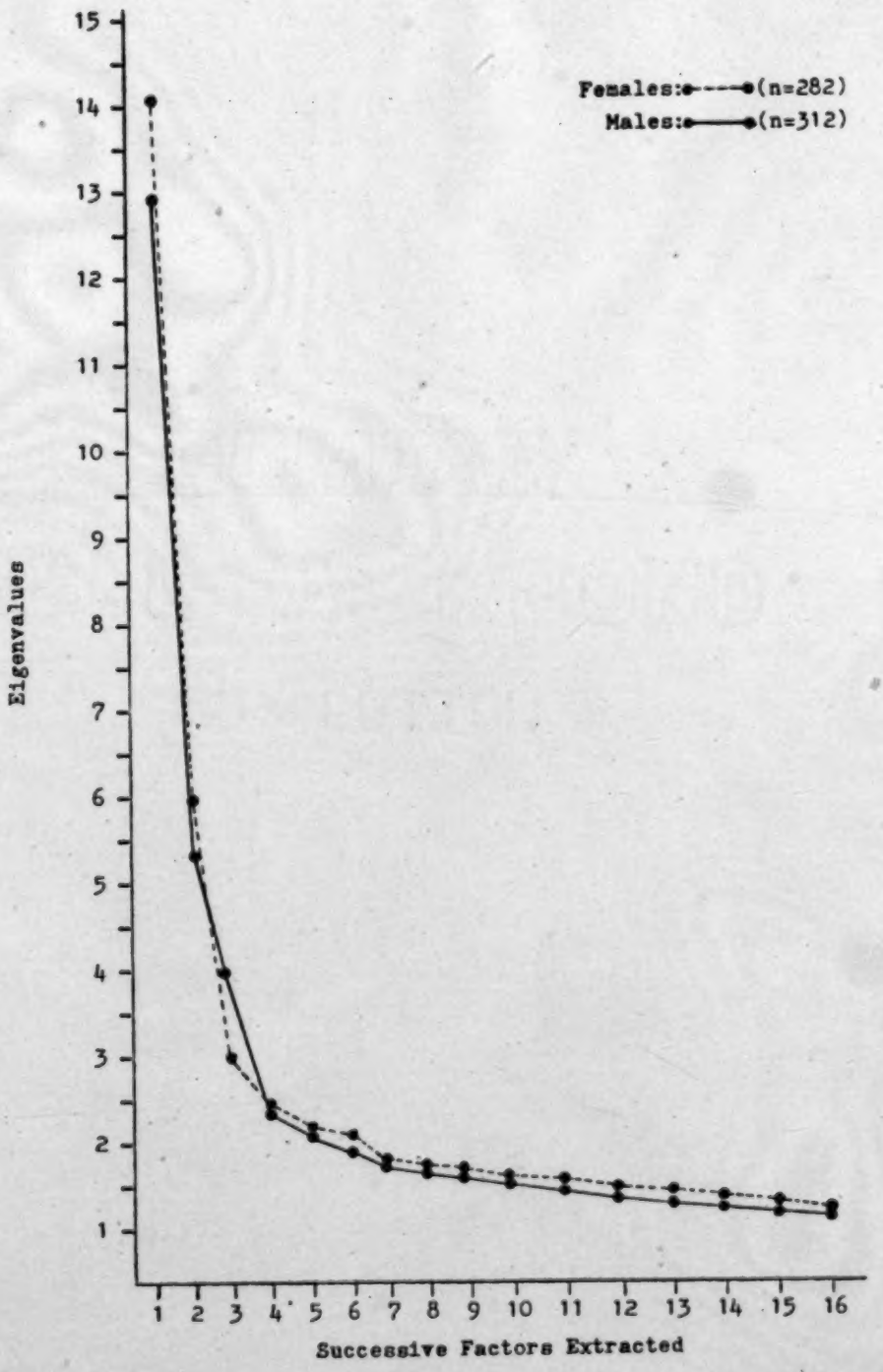
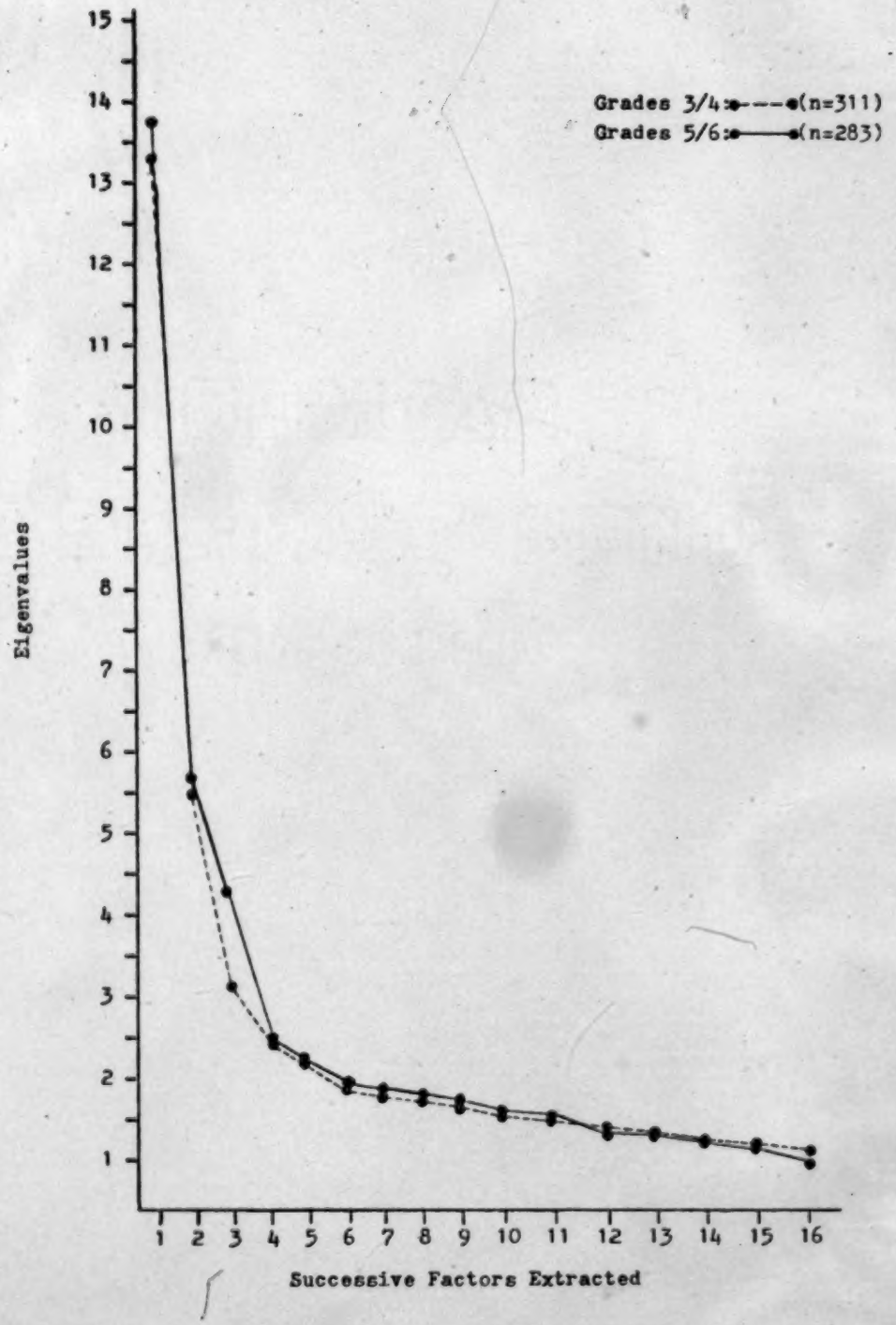


Figure 3
Scree Tests on Grades



adequately-determined.

Table 4 presents rotational significance levels (hyperplane count) of between .01 and .0001 for over 75% of the subgroups' factors, with only the first two factors in the Female and Grades 3/4 samples being greater than .05. No factors reached significance levels of greater than .15, while the majority were found to be less than .0001, thus indicating that simple structure had been reached. By definition, this means that the first six factors which were extracted are "simple and meaningful...since most variables relate highly to only one factor and each factor can be identified as representing that which is measured in common by a relatively small number of variables" (Overall & Klett, 1972).

Likewise, factor similarity, as seen in Tables 5-7, reached significance levels of between .01 and .001 on all six factors for each of the rotated comparisons between subgroups. Coefficients in these tables were tested against criteria set by Tucker, and Schneewind and Cattell (Cattell, 1978, p.253 and pp.568-569), with the rotated matrices representing factors in order of similarity, and the unrotated representing the order of factor occurrence within each subgroup. The congruences were highest for the four main factors of *surgency*, *sadness*, *aggression*, and *mastery/self-esteem*, with the lowest being noted on the dimension of *depersonalization/fatigue*; *frustration/embarrassment* was more erratic in its

Table 4

Statistical Significance of Optimal Rotation (Simple Structure) on Six Factors

Group	Significance level for number of zero-loadings				
	>.05 (1-24)[a]	.05 (25)	.01 (26)	.001 (29)	.0001 (31)
	Number of zero-loadings on each factor				
Females					
Factor I Surgency	18 (≤.15)				
Factor II Sadness	24 (≤.10)				
Factor III Aggression					33
Factor IV Mastery/ Self-Esteem					41
Factor V Depersonalization/ Fatigue					32
Factor VI Frustration/ Embarrassment					39
Males					
Factor I Surgency			27		
Factor II Aggression			27		
Factor III Sadness		25			
Factor IV Mastery/ Self-Esteem					38
Factor V Frustration/ Embarrassment			28		
Factor VI Depersonalization/ Fatigue					31

Note. Values are taken from R. B. Cattell, The Scientific Use of Factor Analysis, pp. 557-558.

[a]Numbers in parentheses indicate the minimum number of zero-loadings required on each factor when 81 variables and six factors are being considered.

Statistical Significance of Optimal Rotation
(Simple Structure) on Six Factors

Group	Significance level for number of zero-loadings				
	>.05 (1-24)[a]	.05 (25)	.01 (26)	.001 (29)	.0001 (31)
	Number of zero-loadings on each factor				
Grades 3 & 4					
Factor I Surgency	21 (≤.10)				
Factor II Sadness	24 (≤.10)				
Factor III Aggression					36
Factor IV Mastery/ Self-Esteem					47
Factor V Frustration/ Embarrassment					34
Factor VI Depersonalization/ Fatigue					43
Grades 5 & 6					
Factor I Surgency			27		
Factor II Sadness			27		
Factor III Aggression			28		
Factor IV Depersonalization/ Fatigue					38
Factor V Mastery/ Self-Esteem					39
Factor VI Frustration/ Embarrassment					45

Note. Values are taken from R. B. Cattell, The Scientific Use of Factor Analysis, pp. 557-558.

[a]Numbers in parentheses indicate the minimum number of zero-loadings required on each factor when 81 variables and six factors are being considered.

Table 5

Factor Similarity for Sexes and Grades

Congruence between Males & Females

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES B AND ROTATED A

A \ B	1	2	3	4	5	6
1	**0.8922**	-0.4947	-0.4014	0.3571	-0.3085	-0.2351
2	-0.4631	**0.8624**	0.4285	0.1066	0.3908	0.3973
3	-0.3936	0.4487	**0.8802**	-0.0974	0.4804	0.5104
4	0.3327	0.1061	-0.0926	**0.8663**	0.0159	0.1629
5	-0.3155	0.4266	0.5010	0.0174	**0.6848**	0.1468
6	-0.2472	0.4462	0.5473	0.1838	0.1508	**0.7392**

Matrix A = Females

1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = MASTERY/SELF-ESTEEM
5 = DEPERSONALIZATION/FATIGUE
6 = FRUSTRATION/EMBARRASSMENT

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES A AND B

A \ B	1	2	3	4	5	6
1	**0.9478**	-0.5220	-0.3836	0.2577	-0.3765	-0.2575
2	-0.4532	0.3984	**0.8733**	-0.0727	0.5197	0.5434
3	-0.4687	**0.8328**	0.4633	0.1253	0.4410	0.3944
4	0.4011	0.1604	-0.0130	**0.8394**	0.0579	0.3082
5	-0.4339	0.4872	0.5354	-0.1286	**0.6939**	**0.7264**
6	-0.1798	0.3844	0.4793	-0.1023	0.6063	0.1820

Matrix B = Males

1 = SURGENCY
2 = AGGRESSION
3 = SADNESS
4 = MASTERY/SELF-ESTEEM
5 = FRUSTRATION/EMBARRASSMENT
6 = DEPERSONALIZATION/FATIGUE

Congruence between Grades 3/4 & 5/6

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES B AND ROTATED A

A \ B	1	2	3	4	5	6
1	**0.9594**	-0.3607	-0.4671	-0.3452	0.2074	0.0534
2	-0.3550	**0.8672**	0.5561	0.4921	-0.0437	**0.3949**
3	-0.4337	0.5247	**0.8707**	0.5188	0.1855	0.1255
4	-0.3412	0.4944	0.5523	**0.7458**	0.2043	0.1991
5	0.1918	-0.0410	0.1848	0.1911	**0.8449**	0.0844
6	0.0553	0.4160	0.1402	0.2088	0.0946	**0.9610**

Matrix A = Grades 3/4

1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = MASTERY/SELF-ESTEEM
5 = FRUSTRATION/EMBARRASSMENT
6 = DEPERSONALIZATION/FATIGUE

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES A AND B

A \ B	1	2	3	4	5	6
1	**0.8966**	-0.4823	-0.6172	-0.4381	0.0266	-0.0145
2	-0.3464	**0.8609**	0.4889	0.5706	0.0208	**0.4696**
3	-0.4178	0.4097	**0.7179**	**0.7237**	0.2975	0.1138
4	0.5391	-0.0369	0.1470	0.0617	**0.7712**	0.1612
5	-0.1620	0.5976	0.6002	0.2457	-0.2060	0.2162
6	0.1459	0.2743	0.1088	0.2855	0.1005	0.1508

Matrix B = Grades 5/6

1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = DEPERSONALIZATION/FATIGUE
5 = MASTERY/SELF-ESTEEM
6 = FRUSTRATION/EMBARRASSMENT

Note. Critical $p < .05$ value of Tucker's coefficient for 80 in-common variables on six factors is .32 (Cattell, 1978, p.253); significant levels other than $p < .05$ are not noted in Tucker's table. The Schneewind-Cattell table (Cattell, pp.568-569) lists critical values for up to 50 variables. At this number, the critical values for .05, .025, .01, and .001 levels of significance are .24, .29, .38, and .52, respectively. For 80 variables, extrapolation from the table would place any coefficient greater than .30 within the .01 and .001 range of significance.

Table 6
Factor Similarity for Females and Grades

Congruence between Females and Grades 3/4

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES B AND ROTATED A

A \ B	1	2	3	4	5	6
1	0.9736	-0.4811	-0.4947	0.2917	-0.3183	0.0003
2	-0.4931	0.9338	0.5152	0.0102	0.4795	0.3602
3	-0.4892	0.4970	0.8725	0.0871	0.3511	0.2417
4	0.3043	0.0103	0.0919	0.9444	0.0013	0.2255
5	-0.3315	0.4871	0.3697	0.0013	0.8974	0.0242
6	0.0003	0.3631	0.2526	0.2234	0.0240	0.3947

Matrix A = Females
1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = MASTERY/SELF-ESTEEM
5 = DEPERSONALIZATION/FATIGUE
6 = FRUSTRATION/EMBARRASSMENT

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES A AND B

A \ B	1	2	3	4	5	6
1	0.9728	-0.4696	-0.4791	0.2865	-0.3219	0.0191
2	-0.4676	0.9036	0.4372	-0.0352	0.5333	0.3033
3	-0.4864	0.5382	0.8654	0.1323	0.4568	0.2376
4	0.3191	0.0639	0.0825	0.9358	-0.0534	0.2892
5	-0.4355	0.6768	0.5080	-0.0728	0.1870	0.4037
6	-0.2565	0.4147	0.2740	0.0746	0.8529	0.0271

Matrix B = Grades 3/4
1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = MASTERY/SELF-ESTEEM
5 = FRUSTRATION/EMBARRASSMENT
6 = DEPERSONALIZATION/FATIGUE

Congruence between Females and Grades 5/6

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES B AND ROTATED A

A \ B	1	2	3	4	5	6
1	0.9619	-0.3986	-0.4281	-0.3129	0.2578	0.0859
2	-0.3945	0.9439	0.5669	0.4629	-0.0293	0.3576
3	-0.4038	0.5403	0.9257	0.4814	0.1845	0.1475
4	-0.3103	0.4638	0.5061	0.9365	0.1889	0.2204
5	0.2383	-0.0273	0.1808	0.1761	0.8660	0.0616
6	0.0880	0.3703	0.1603	0.2278	0.0683	0.4700

Matrix A = Females
1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = MASTERY/SELF-ESTEEM
5 = DEPERSONALIZATION/FATIGUE
6 = FRUSTRATION/EMBARRASSMENT

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES A AND B

A \ B	1	2	3	4	5	6
1	0.9075	-0.5221	-0.6169	-0.3971	0.0407	-0.0107
2	-0.3518	0.9433	0.5136	0.3989	-0.0554	0.3780
3	-0.3552	0.4540	0.8011	0.6952	0.2937	0.0584
4	0.5787	-0.0051	0.1304	0.1260	0.7739	0.2464
5	-0.3705	0.5272	0.2884	0.8602	0.0229	0.3197
6	-0.0863	0.4739	0.5776	0.2862	-0.1441	0.3528

Matrix B = Grades 5/6
1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = DEPERSONALIZATION/FATIGUE
5 = MASTERY/SELF-ESTEEM
6 = FRUSTRATION/EMBARRASSMENT

Note. Critical $p<.05$ value of Tucker's coefficient for 80 in-common variables on six factors is .32 (Cattell, 1978, p.253); significant levels other than $p<.05$ are not noted in Tucker's table. The Schnsewind-Cattell table (Cattell, pp.568-569) lists critical values for up to 50 variables. At this number, the critical values for .05, .025, .01, and .001 levels of significance are .24, .29, .38, and .52, respectively. For 80 variables, extrapolation from the table would place any coefficient greater than .30 within the .01 and .001 range of significance.

Table 7

Factor Similarity for Males and Grades

Congruence between Males and Grades 3/4

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES B AND ROTATED A

A \ B	1	2	3	4	5	6
1	0.9782	-0.4263	-0.5006	0.2619	-0.2789	-0.0432
2	-0.4260	0.9587	0.4715	0.0015	0.4768	0.2439
3	-0.5275	0.4973	0.9234	0.1036	0.3181	0.0364
4	0.2811	0.0017	0.1055	0.9338	-0.0573	0.2536
5	-0.2886	0.4939	0.3125	-0.0552	0.8582	0.1532
6	-0.0419	0.2362	0.0334	0.2287	0.1433	0.8086

Matrix B = Grades 3/4
1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = MASTERY/SELF-ESTEEM
5 = FRUSTRATION/EMBARRASSMENT
6 = DEPERSONALIZATION/FATIGUE

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES A AND B

A \ B	1	2	3	4	5	6
1	0.9714	-0.4301	-0.4892	0.3632	-0.2317	0.0058
2	-0.5313	0.4915	0.9275	0.1426	0.3700	0.0070
3	-0.3414	0.9267	0.4419	-0.0283	0.5787	0.1291
4	0.2353	-0.0309	0.0403	0.9124	-0.1804	0.2078
5	-0.3732	0.3696	0.2659	0.0894	0.7852	0.3231
6	-0.2823	0.6041	0.3560	0.2057	0.2193	0.7203

Matrix A = Males
1 = SURGENCY
2 = AGGRESSION
3 = SADNESS
4 = MASTERY/SELF-ESTEEM
5 = FRUSTRATION/EMBARRASSMENT
6 = DEPERSONALIZATION/FATIGUE

Congruence between Males and Grades 5/6

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES B AND ROTATED A

A \ B	1	2	3	4	5	6
1	0.9766	-0.3478	-0.4340	-0.3933	0.1867	0.0349
2	-0.3375	0.9464	0.4813	0.4399	-0.0598	0.3512
3	-0.4196	0.4795	0.9575	0.5368	0.1921	0.0595
4	-0.3776	0.4352	0.5331	0.8544	0.2005	0.3043
5	0.1867	-0.0616	0.1987	0.2088	0.9105	0.0342
6	0.0372	0.3853	0.0655	0.3373	0.0365	0.3715

Matrix B = Grades 5/6
1 = SURGENCY
2 = SADNESS
3 = AGGRESSION
4 = DEPERSONALIZATION/FATIGUE
5 = MASTERY/SELF-ESTEEM
6 = FRUSTRATION/EMBARRASSMENT

MATRIX OF TUCKER COEFFICIENTS FOR MATRICES A AND B

A \ B	1	2	3	4	5	6
1	0.9452	-0.4566	-0.5610	-0.4359	0.0596	0.0103
2	-0.4235	0.3577	0.8285	0.7355	0.3439	0.1700
3	-0.2828	0.9002	0.3997	0.4308	-0.0812	0.4410
4	0.4723	-0.0883	0.0931	-0.0182	0.8409	0.0132
5	-0.1223	0.5487	0.7134	0.1635	-0.1196	0.0344
6	-0.1160	0.5392	0.2722	0.6506	0.1937	0.4061

Matrix A = Males
1 = SURGENCY
2 = AGGRESSION
3 = SADNESS
4 = MASTERY/SELF-ESTEEM
5 = FRUSTRATION/EMBARRASSMENT
6 = DEPERSONALIZATION/FATIGUE

Note. Critical $p<.05$ value of Tucker's coefficient for 80 in-common variables on six factors is .32 (Cattell, 1978, p.253); significant levels other than $p<.05$ are not noted in Tucker's table. The Schneewind-Cattell table (Cattell, pp.568-569) lists critical values for up to 50 variables. At this number, the critical values for .05, .025, .01, and .001 levels of significance are .24, .29, .38, and .52, respectively. For 80 variables, extrapolation from the table would place any coefficient greater than .30 within the .01 and .001 range of significance.

congruences, maintaining fairly high levels for some conparisons (e.g. between Females and Grades 3/4 at .8529) and low on others (e.g. between Females and Grades 5/6 at .3528). Despite the adequacy of simple structure and the presence of *at least three good markers on each factor* factor, some dimensions were found to have greater similarity with a factor other than their hypothesized counterpart: For example, *depersonalization/fatigue* in Grades 5/6 was found to be more closely aligned with *aggression* in the lower grades than it was with Grades 3/4's factor of *depersonalization/fatigue* (Table 5, unrotated matrix). Additionally, almost all factors were found to have significant comparisons with at least one other dimension across subgroups, albeit the greatest coefficients were usually maintained for the like-factors.

Tables 8-13 provide information on the marker variables for each of these "in-common" dimensions, while graphic representations of all six factors within the four subgroups, as well as their rotated matrices, may be found in the Appendix, Figures A-D, and Tables G-J. Marker variables were defined as those items which attained loadings of greater than or equal to .35 on any factor.

Interpretation of Factors

Surgency, Factor I As can be seen from the large number of marker variables in Table 8, *surgency* is the predominant mood dimension for both males and females, be they in the lower or upper elementary school grades. Per-cent of

Table 8

MOOD FACTOR: SURGENCY

Females Factor 1			Males Factor 1			Grades 3 & 4 Factor 1			Grades 5 & 6 Factor 1		
Eigenvalue = 14.14			Eigenvalue = 12.82			Eigenvalue = 13.28			Eigenvalue = 13.72		
% of Variance = 17.5			% of Variance = 15.8			% of Variance = 16.4			% of Variance = 16.9		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
1	good	.61	1	good	.59	1	good	.67	1	good	.44
13	cheerful	.62	13	cheerful	.57	13	cheerful	.59	13	cheerful	.54
22	excited	.40	22	excited	.38	22	excited	.37	22	excited	.45
25	fine	.60	25	fine	.51	23	fed-up	-.40	25	fine	.43
26	friendly	.47	26	friendly	.52	25	fine	.50	26	friendly	.37
30	glad	.56	30	glad	.69	26	friendly	.56	28	giggly	.38
31	great	.64	31	great	.67	29	like giving-up	-.40	30	glad	.59
32	grouchy	-.46	33	grumpy	-.47	30	glad	.73	31	great	.60
33	grumpy	-.38	35	happy	.73	31	great	.69	35	happy	.62
35	happy	.65	36	helpful	.49	32	grouchy	-.37	36	helpful	.59
36	helpful	.43	39	joyful	.73	33	grumpy	-.43	39	joyful	.72
39	joyful	.69	43	kind	.62	35	happy	.76	43	kind	.57
42	like kicking	-.35	46	liked	.38	36	helpful	.47	44	like laughing	.51
43	kind	.68	48	lucky	.51	39	joyful	.69	48	lucky	.53
45	lazy	-.39	50	miserable	-.42	43	kind	.71	54	okay	.38
50	miserable	-.46	54	okay	.42	46	liked	.36	55	playful	.49
54	okay	.40	55	playful	.36	48	lucky	.36	56	polite	.47
55	playful	.40	56	polite	.38	50	miserable	-.46	58	proud	.59
58	proud	.42	58	proud	.45	54	okay	.41	64	like smiling	.65
59	rotten	-.40	64	like smiling	.61	55	playful	.37	81	wonderful	.60
64	like smiling	.54	67	bad-tempered	-.37	58	proud	.39			
81	wonderful	.65	81	wonderful	.57	64	like smiling	.50			
						67	bad-tempered	-.39			
						81	wonderful	.62			

variance accounted for by this factor ranges from a low of 15.8 in the males to a high of 17.5 in the females, with common descriptors such as "cheerful", "excited", "playful" leading to the identification of this dimension as being one of optimistic vitality or *surgency*.

Sadness, Factor II

Table 9 presents the next "strongest" mood dimension to be found in pre-adolescent students. Although it is the second factor for both grades and for females, its position is reversed with that of *aggression* in males. This dimension is well-marked by feelings of dejection, sadness, and worthlessness.

Aggression, Factor III

Feelings of anger, bossiness, and physical tension appear to mark this factor. As mentioned above, *aggression* was actually found to be the second mood dimension in males, while it is the third, behind *surgency* and *sadness*, for the other three subgroups. Table 10 presents relevant data for this factor.

Mastery/Self-Esteem, Factor IV

This factor is well-marked by feelings of bravery, physical attractiveness and strength. Interestingly enough, in the upper grades *mastery/self-esteem* is the fifth factor, after *depersonalization/fatigue*. As can be seen in Table 11, the other three subgroups count it as their fourth mood dimension.

Depersonalization/Fatigue, Factor V

Table 9

MOOD FACTOR: SADNESS

Females Factor 2			Males Factor 3			Grades 3 & 4 Factor 2			Grades 5 & 6 Factor 2		
Eigenvalue = 5.88			Eigenvalue = 3.94			Eigenvalue = 5.43			Eigenvalue = 5.66		
% of Variance = 7.3			% of Variance = 4.9			% of Variance = 6.7			% of Variance = 7.0		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
18	disappointed	.44	3	afraid	.42	47	lonely	.54	8	blue	.39
29	like giving-up	.38	8	blue	.41	50	miserable	.35	18	disappointed	.47
32	grouchy	.36	16	like crying	.36	51	mixed-up	.54	19	disturbed	.42
38	ignored	.37	18	disappointed	.36	53	nervous	.40	29	like giving-up	.52
47	lonely	.50	40	jealous	.36	59	rotten	.40	38	ignored	.47
50	miserable	.37	47	lonely	.46	61	sad	.65	47	lonely	.54
51	mixed-up	.45	51	mixed-up	.42	63	shy	.52	50	miserable	.41
53	nervous	.38	61	sad	.62	65	strange	.48	51	mixed-up	.53
59	rotten	.48	63	shy	.45	68	terrible	.45	59	rotten	.49
61	sad	.56	65	strange	.35	69	tired	.41	61	sad	.62
68	terrible	.53	68	terrible	.40	71	trapped	.53	68	terrible	.52
71	trapped	.55	71	trapped	.52	73	unkind	.42	71	trapped	.53
74	unwanted	.71	74	unwanted	.59	74	unwanted	.61	74	unwanted	.71
75	upset	.66	75	upset	.67	75	upset	.59	75	upset	.72
79	worried	.48	77	weird	.37	77	weird	.42	79	worried	.50
80	worthless	.41	79	worried	.56	79	worried	.61	80	worthless	.62
			80	worthless	.36						

Table 10

MOOD FACTOR: AGGRESSION

Females Factor 3			Males Factor 2			Grades 3 & 4 Factor 3			Grades 5 & 6 Factor 3		
Eigenvalue = 2.89			Eigenvalue = 5.28			Eigenvalue = 3.06			Eigenvalue = 4.27		
% of Variance = 3.6			% of Variance = 6.5			% of Variance = 3.8			% of Variance = 5.3		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
10	bossy	.43	4	angry	.39	4	angry	.49	1	good	-.42
16	like crying	.44	10	bossy	.55	10	bossy	.56	4	angry	.42
23	fed-up	.49	17	cruel	.58	19	disturbed	.38	6	awful	.51
26	friendly	-.40	24	like fighting	.51	27	furious	.52	10	bossy	.54
29	like giving-up	.35	26	friendly	-.40	37	like hitting	.50	12	calm	-.45
27	furious	.45	27	furious	.56	42	like kicking	.35	15	cooperative	-.45
33	grumpy	.43	32	grouchy	.43	49	mean	.62	16	like crying	.42
37	like hitting	.58	33	grumpy	.35	56	polite	-.39	17	cruel	.42
42	like kicking	.39	37	like hitting	.50	60	rude	.60	23	fed-up	.59
49	mean	.55	49	mean	.59	67	bad-tempered	.37	24	like fighting	.42
60	rude	.41	54	okay	-.37	72	unfriendly	.51	25	fine	-.45
62	sassy	.37	56	polite	-.38	73	unkind	.56	26	friendly	-.52
67	bad-tempered	.49	59	rotten	.37				27	furious	.57
72	unfriendly	.57	60	rude	.58				32	grouchy	.50
73	unkind	.58	67	bad-tempered	.41				33	grumpy	.38
			72	unfriendly	.43				37	like hitting	.39
			73	unkind	.58				49	mean	.42
									67	bad-tempered	.37
									73	unkind	.41

Table 11

MOOD FACTOR: MASTERY/SELF-ESTEEM

Females Factor 4			Males Factor 4			Grades 3 & 4 Factor 4			Grades 5 & 6 Factor 5		
Eigenvalue = 2.31			Eigenvalue = 2.27			Eigenvalue = 2.35			Eigenvalue = 2.14		
% of Variance = 2.9			% of Variance = 2.8			% of Variance = 2.9			% of Variance = 2.6		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
11	brave	.38	2	active	.44	11	brave	.50	5	ashamed	-.37
22	excited	.36	11	brave	.56	28	giggly	.38	11	brave	.45
24	like fighting	.44	34	handsome/pretty	.42	34	handsome/pretty	.48	24	like fighting	.41
28	giggly	.50	55	playful	.44	44	like laughing	.45	34	handsome/pretty	.35
34	handsome/pretty	.47	57	powerful	.68	48	lucky	.44	37	like hitting	.42
41	jumpy	.54	58	proud	.40	55	playful	.47	57	powerful	.67
44	like laughing	.57	66	strong	.72	57	powerful	.68	58	proud	.35
48	lucky	.37	70	tough	.63	58	proud	.41	66	strong	.76
55	playful	.46				66	strong	.72	70	tough	.71
57	powerful	.60				70	tough	.57	76	weak	-.35
58	proud	.42									
66	strong	.71									
70	tough	.59									

Based on the average per-cent of variance accounted for by this factor (across subgroups), *depersonalization/fatigue* appears to be the fifth mood dimension in pre-adolescents. Nonetheless, it was the fourth factor for Grades 5/6, and the sixth factor for both Males and Grades 3/4. Table 12 shows that its identity comes from such markers as "giggly", "tired", and "weird", suggesting that fatigue may produce feelings of estrangement from the self.

Frustration/Embarrassment, Factor VI

Feelings of embarrassment and futility are well-noted for this factor by such markers as "ashamed", "bashful", "like giving-up", and "like whining". This dimension represents the fifth factor for males and Grades 3/4, while it appears as the sixth for upper grades and females. It should be noted that this is the only factor on which the same marker(s) do(es) not appear in at least two sample groups: As Table 13 shows, females and males, along with the lower grades, all share at least two of their variables; the upper grades have no markers in common with these groups, even though their variables may be readily interpreted as loading on a *frustration/embarrassment* factor.

A note on factor interpretation

Factor analysis cannot *name* the factors for you; it <u>can</u>, however, provide a statistical basis from which inferences regarding a factor's nature may be made. Therefore, since my main interest was in determining 1) whether or not multiple and *differentiated* mood states <u>do</u> exist in pre-adolescents,

Table 12

MOOD FACTOR: DEPERSONALIZATION/FATIGUE

Females Factor 5			Males Factor 6			Grades 3 & 4 Factor 6			Grades 5 & 6 Factor 4		
Eigenvalue = 2.17 % of Variance = 2.7			Eigenvalue = 1.83 % of Variance = 2.3			Eigenvalue = 1.81 % of Variance = 2.2			Eigenvalue = 2.39 % of Variance = 3.0		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
45	lazy	.40	20	dumb	.37	18	disappointed	.38	17	cruel	.37
46	liked	-.49	28	giggly	.49	28	giggly	.56	20	dumb	.37
51	mixed-up	.37	41	jumpy	.43	41	jumpy	.38	24	like fighting	.39
53	nervous	.35	44	like laughing	.36	44	like laughing	.45	45	lazy	.35
60	rude	.42	69	tired	.46	62	sassy	.35	46	liked	-.38
62	sassy	.45	77	weird	.46	69	tired	.38	60	rude	.51
65	strange	.51							62	sassy	.52
69	tired	.51							65	strange	.48
76	weak	.35							69	tired	.35
77	weird	.52							72	unfriendly	.58
									73	unkind	.48
									77	weird	.53

Table 13

MOOD FACTOR: FRUSTRATION/EMBARRASSMENT

Females Factor 6			Males Factor 5			Grades 3 & 4 Factor 5			Grades 5 & 6 Factor 6		
Eigenvalue = 2.02 % of Variance = 2.5			Eigenvalue = 2.12 % of Variance = 2.6			Eigenvalue = 2.12 % of Variance = 2.6			Eigenvalue = 1.88 % of Variance = 2.3		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
5	ashamed	.38	9	bored	.35	5	ashamed	.45	3	afraid	.42
6	awful	.38	12	calm	-.36	12	calm	-.41	7	bashful	.54
12	calm	-.47	14	confused	.40	15	cooperative	-.43	53	nervous	.53
14	confused	.43	18	disappointed	.36	16	like crying	.40	63	shy	.53
15	cooperative	-.58	23	fed-up	.50	18	disappointed	.39	79	worried	.35
21	embarrassed	.42	29	like giving-up	.35	29	like giving-up	.40			
78	like whining	.50				78	like whining	.53			
						80	worthless	.39			
Cumulative % of Variance = 36.3			Cumulative % of Variance = 34.9			Cumulative % of Variance = 34.6			Cumulative % of Variance = 37.1		

and 2) whether or not such dimensions are analogous to established adult states, the interpretation process for this study involved comparisons between the child and adult mood factors. In four out of the six pre-adolescent dimensions, high loadings and intra-factor item correlations were found for variables which also appeared in the adult literature. Thus the factor names of "*surgency*", "*sadness*", "*aggression*", and "*fatigue*" (*depersonalization/fatigue*), were based upon prior-known state dimensions (Table 1). The two remaining factors, "*mastery/self-esteem*" and "*frustration/embarrassment*", derived their names from a perusal of the present factor structures, which do not appear to duplicate prior adult dimensions. With highly-loaded markers such as "strong", "powerful", and "handsome (or) pretty", the first dimension was believed to represent environmental mastery, with a concomitance of self-esteem. Likewise, for the remaining factor, "ashamed", "confused", and "embarrassed" markers lend credence to its descriptive label of *frustration/embarrassment*.

Interpretation of these six factors was based on the concept of "factors as descriptive dimensions", capable of summarizing the factorial content of the variable domain sampled. No attempt was made to "reify" these dimensions nor to fictitiously impart meaning to any particular aggregation of items: Even though a factor may be prominently displayed in this phase of the study, it cannot be assumed that all major facets of that mood dimension have been tapped by the

items used, or that even all of the extant pre-adolescent mood states are being represented. As noted previously, as many as 13 independent mood dimensions may be found in this age grouping, albeit some were uninterpretable, while others may merely be unique to the sample. Likewise, the constricted comprehension range obviated the use of other items which might have extended or altered the factor structures obtained.

B. Diurnal Variation in Mood States

As previously-noted, a "properly conducted" research program is first concerned with finding basic structure (via factor analysis), and then with determining the effects of independent variables on this structure (via analysis of variance)(Cattell, 1965;Royce, 1950):"In factor analysis we *end* by determining what the "factors" are...in analysis of variance we *begin* with the knowledge of what the factors presumably are, and we test their statistical significance" (Burt, 1966, p.286). In accord with this view, analyses of variance and multiple comparisons were run on the 81 mood variables in order to assess the affects of diurnal variation on mood within sexes and grades. Additionally, factor scores (Comrey, 1973;Nunnally, 1967) were computed using the marker loadings for each dimension within the four sample groups, and then subjected to multiple comparisons via the t-test. Tables 14-17 present 40, 36, 41, and 22 significant differences ($p<.05$) for the 81 variables in the

Table 14

Analysis of Variance and Multiple Comparisons
for Time on Sex: Males

Variable	N	Mean*	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)[a]	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference[b]	Duncan's
Var 1 good (Sr)[c]	312	1.154	.3614	1.395	.2259	.2362 p=.095	1.964 p=.081	6/2	3 2 1 5 6 4
Var 2 active (Sm)	312	1.372	.4841	1.766	.1195	.1890 p=1.00	.317 p=.903	1/5	5 4 3 6 2 1
Var 3 afraid (Sd)	312	1.929	.2564	2.057	.0707	.3958 p=.0001	7.686 p=.0001	1,2,3,4,5/6	6 1 2 3 4 5
Var 6 awful	312	1.875	.3312	1.600	.1598	.2491 p=.037	4.144 p=.001	2/4	4 6 1 5 3 2
Var 7 bashful	312	1.843	.3644	1.935	.0883	.2313 p=.132	3.844 p=.002	2,6/1 6/3	1 3 4 5 2 6
Var 10 bossy (Ag)	312	1.843	.3644	1.830	.1067	.2156 p=.354	8.032 p=.0001	4,5,6,3,2/1	4 5 6 3 2 1
Var 13 cheerful (Sr)	312	1.305	.4609	2.385	.0383	.1966 p=.955	.573 p=.721	2,1,3/6	2 1 3 4 5 6
Var 15 cooperative	312	1.340	.4744	1.179	.3192	.1827 p=1.00	.253 p=.938	1/2	2 3 4 5 6 1
Var 21 embarrassed	312	1.833	.3733	2.639	.0235	.2670 p=.008	3.540 p=.003	3,5,2,4/1	1 6 3 5 2 4
Var 23 fed-up (Fe)	312	1.814	.3896	1.062	.3813	.2366 p=.092	1.621 p=.151	5/4	4 6 2 3 1 5
Var 24 like fighting (Ag)	312	1.737	.4409	1.639	.1494	.1947 p=1.00	1.958 p=.082	4,6,3,2/1	4 6 5 3 2 1
Var 25 fine (Sr)	312	1.205	.4044	1.743	.1245	.2354 p=.100	1.277 p=.271	5,2,1/4	5 2 1 3 6 4
Var 27 furious (Ag)	312	1.843	.3644	1.517	.1843	.2539 p=.025	2.068 p=.067	1,2/4	4 3 6 1 5 2
Var 30 glad (Sr)	312	1.289	.4538	2.100	.0653	.1980 p=.896	.791 p=.556	1,3/6	1 3 2 5 4 6

* 1 = "Yes" response, 2 = "No" response to "Right now I feel...."

a Time Period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch
4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

b Supralateral Time Periods are significantly different from the inferolateral groups

c Initials denote factor(s) upon which the variable loads

Analysis of Variance and Multiple Comparisons
for Time on Sex: Males

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 31 great (Sr)	312	1.298	.4581	.893	.4862	.1924 p=1.00	.361 p=.875	6/3	3 1 5 2 4 6
Var 35 happy (Sr)	312	1.231	.4330	1.883	.0970	.2094 p=.501	1.271 p=.274	6,5/1	1 3 2 4 6 5
Var 37 like hitting (Ag)	312	1.769	.4220	1.162	.3280	.1967 p=.950	1.258 p=.279	1/2	3 2 4 5 6 1
Var 39 joyful (Sr)	312	1.327	.4698	2.568	.0270	.1908 p=1.00	.523 p=.759	3/5 3,1,2/6	3 1 2 4 5 6
Var 41 jumpy (Df)	312	1.699	.4596	1.579	.1658	.1944 p=1.00	.713 p=.614	1/2	2 3 4 6 5 1
Var 45 lazy	312	1.683	.4662	2.984	.0120	.1946 p=1.00	.970 p=.435	4,5/2 4,5,6/1	4 5 6 3 2 1
Var 46 liked (Sr)	312	1.349	.4775	1.507	.1873	.1840 p=1.00	.303 p=.911	5,4/2	2 6 1 3 5 4
Var 47 lonely (Sd)	312	1.814	.3896	1.430	.2133	.2526 p=.028	1.904 p=.091	4/5	5 3 2 1 6 4
Var 48 lucky (Sr)	312	1.378	.4857	2.611	.0248	.1812 p=1.00	.236 p=.947	1,2/6 1,2,3/4	1 2 3 5 6 4
Var 49 mean (Ag)	312	1.843	.3644	2.834	.0161	.2605 p=.015	4.038 p=.001	3,2,1/4	4 5 6 3 2 1
Var 50 miserable (Sr)	312	1.846	.3614	2.223	.0520	.2451 p=.050	3.212 p=.007	1,3,2/5 2/4	5 4 6 1 3 2
Var 54 okay (Sr,Ag)	312	1.214	.4113	1.535	.1787	.2013 p=.763	1.627 p=.149	6/2	2 3 1 5 4 6
Var 56 polite (Sr,Ag)	312	1.337	.4733	2.108	.0643	.1865 p=1.00	.419 p=.836	2,6/5	2 6 1 3 4 5
Var 58 proud (Sr,Sm)	312	1.369	.4832	1.739	.1254	.1800 p=1.00	.253 p=.938	4/2	2 6 5 3 1 4

Analysis of Variance and Multiple Comparisons
for Time on Sex: Males

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests (p≤.05)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 59 rotten (Ag)	312	1.824	.3817	1.375	.2338	.2216 p=.247	2.035 p=.071	2/6	6 3 1 4 5 2
Var 60 rude (Ag)	312	1.849	.3583	1.991	.0797	.2378 p=.084	4.020 p=.001	4.6/1 5/2	4 6 5 3 2 1
Var 62 sassy	312	1.878	.3276	1.839	.1049	.2485 p=.038	4.190 p=.001	3,5/1 3/2	3 5 4 6 2 1
Var 66 strong (Sm)	312	1.324	.4686	1.777	.1173	.1933 p=1.00	.467 p=.801	5,2/1	5 2 3 4 6 1
Var 67 bad-tempered (Sr,Ag)	312	1.821	.3844	1.479	.1962	.2225 p=.234	1.741 p=.122	2,1/6	6 4 5 3 2 1
Var 68 terrible (Sd)	312	1.821	.3844	1.419	.2170	.2407 p=.069	1.518 p=.181	1,2/4	4 6 3 5 1 2
Var 70 tough (Sm)	312	1.532	.4998	1.461	.2023	.1721 p=1.00	.054 p=.998	1/5	5 6 2 3 4 1
Var 72 unfriendly(Ag)	312	1.856	.3519	1.251	.2852	.2570 p=.020	2.485 p=.030	1/4	4 6 3 2 5 1
Var 73 unkind (Ag)	312	1.888	.3161	1.524	.1819	.2404 p=.070	6.742 p=.0001	4,6/1	4 6 3 5 2 1
Var 78 like whining	312	1.817	.3870	1.702	.1339	.2364 p=.093	2.028 p=.072	2,4/1	1 3 6 5 2 4
Var 80 worthless (Sd)	312	1.872	.3349	1.350	.2434	.2789 p=.003	3.929 p=.002	4/6	6 3 2 1 5 4
Var 81 wonderful (Sr)	312	1.353	.4785	1.423	.2157	.1851 p=1.00	.219 p=.955	6/1	1 2 3 5 6 4

Analysis of Variance and Multiple Comparisons
for Time on Sex: Males

MOOD FACTOR	df	Significant T-Tests Over Time Periods*														
		1-2	1-3	1-4	1-5	1-6	2-3	2-4	2-5	2-6	3-4	3-5	3-6	4-5	4-6	5-6
Surgency	42			.005	.01	.005		.005	.005	.005	.005	.025	.005			
Sadness	32					.005				.05					.025	
Aggression	32		.01	.005	.01	.005		.005		.005	.025					
Mastery/Self-Esteem	14				.025											.025
Depersonalization/Fatigue	10	no significant differences between periods were found														
Frustration/Embarrassment	10	no significant differences between periods were found														

*Numbers denote probability levels

Table 15

Analysis of Variance and Multiple Comparisons
for Time on Sex: Females

Variable	N	Mean*	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)[a]	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference[b]	Duncan's
Var 3 afraid	282	1.900	.2996	2.130	.062	.3237 p=.0001	3.171 p=.013	3,5/6 5/1	6 1 2 3 4 5
Var 5 ashamed (Fe)[c]	282	1.929	.2572	1.447	.208	.3139 p=.0001	8.008 p=.0001	3/6	6 1 4 2 5 3
Var 9 bored	282	1.706	.4565	2.009	.078	.2153 p=.416	.820 p=.535	1,4/3	3 2 6 5 1 4
Var 10 bossy (Ag)	282	1.901	.2996	1.225	.297	.2901 p=.002	2.757 p=.027	4/3	3 6 1 2 3 4
Var 16 like crying(Ag)	282	1.950	.2176	2.875	.015	.3628 p=.0001	23.256 p=.0001	5,1,2/6	6 4 3 5 1 2
Var 17 cruel	282	1.904	.2948	2.234	.051	.2904 p=.002	9.905 p=.0001	2/6	6 1 3 5 4 2
Var 18 disappointed (Sd)	282	1.840	.3669	.928	.4633	.2187 p=.346	2.356 p=.038	1/2	2 5 6 3 4 1
Var 20 dumb	282	1.862	.3458	2.283	.0467	.2468 p=.060	9.670 p=.0001	6,3/1	6 3 4 2 5 1
Var 23 fed-up (Ag)	282	1.826	.3796	1.596	.1613	.2316 p=.163	2.340 p=.039	2,1/6	6 4 3 5 2 1
Var 24 like fighting (Sm)	282	1.858	.3495	1.881	.0978	.2716 p=.009	8.507 p=.0001	6,2/1	6 2 3 5 4 1
Var 25 fine (Sr)	282	1.163	.3701	1.698	.1352	.2222 p=.285	5.197 p=.0001	2,3,6/1	1 5 4 2 3 6
Var 27 furious (Ag)	282	1.887	.3177	1.227	.2964	.2545 p=.035	2.626 p=.033	4/3	3 5 6 1 2 4
Var 28 giggly (Sm)	282	1.592	.4923	1.052	.3876	.1827 p=1.00	.378 p=.864	3,2/4	3 2 1 5 6 4

* 1 = "Yes" response, 2 = "No" response to "Right now I feel...."

a Time Period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch
4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

b Supralateral Time Periods are significantly different from the inferolateral groups

c Initials denote factor(s) upon which the variable loads

Analysis of Variance and Multiple Comparisons
for Time on Sex: Females

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 30 glad (Sr)	282	1.195	.3969	1.795	.1140	.2074 p=.622	5.192 p=.0001	6,2/1	1 3 5 4 6 2
Var 38 ignored (Sd)	282	1.787	.4100	1.937	.0883	.2191 p=.338	1.774 p=.115	2,3/5	5 6 1 4 2 3
Var 43 kind (Sr)	282	1.170	.3765	1.166	.3263	.2163 p=.394	2.816 p=.015	2/1	1 5 3 2 6 4
Var 45 lazy (Sr,Df)	282	1.713	.4533	1.147	.3359	.1926 p=1.00	.778 p=.565	1/2	2 6 5 3 4 1
Var 46 liked (Df)	282	1.227	.4196	1.188	.3153	.2310 p=.170	1.125 p=.345	4/6	6 5 2 1 3 4
Var 49 mean (Ag)	282	1.925	.2630	2.142	.0608	.3254 p=.0001	4.628 p=.001	2,1,3/6	6 4 5 2 1 3
Var 51 mixed-up(Sd,Df)	282	1.766	.4219	1.160	.3290	.2177 p=.336	2.102 p=.063	4/6	6 2 5 3 1 4
Var 52 needed	282	1.614	.4878	1.759	.1214	.1783 p=1.00	.112 p=.990	2,4/5	5 6 3 1 2 4
Var 54 okay(Sr)	282	1.131	.3382	1.169	.3246	.2171 p=.379	7.542 p=.0001	2/1	1 5 6 3 2 4
Var 56 polite	282	1.245	.4307	3.323	.0062	.2349 p=.133	3.085 p=.009	2,6,4/3 6,4/5	3 5 1 2 6 4
Var 57 powerful (Sm)	282	1.549	.4984	1.247	.2873	.1717 p=1.00	.013 p=1.00	2,3/6	6 5 1 2 3 4
Var 61 sad (Sd)	282	1.876	.3303	1.074	.3749	.2570 p=.029	2.370 p=.037	1/6	6 4 2 3 5 1
Var 63 shy	282	1.829	.3765	3.187	.0082	.2944 p=.001	4.882 p=.0001	6,2,1,4,5/3	3 6 2 1 4 5
Var 67 bad-tempered (Ag)	282	1.894	.3089	1.091	.3658	.2772 p=.006	3.653 p=.003	3/6	6 4 2 5 1 3

Analysis of Variance and Multiple Comparisons
for Time on Sex: Females

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 68 terrible (Sd)	282	1.862	.3458	.980	.4306	.2391 p=.102	2.337 p=.040	1/2	2 5 6 4 3 1
Var 70 tough (Sm)	282	1.719	.4499	2.611	.0251	.2275 p=.209	2.285 p=.044	1,2,4/5 4/3	5 3 6 1 2 4
Var 71 trapped (Sd)	282	1.862	.3458	1.973	.0828	.2452 p=.067	9.069 p=.0001	2,6/1	2 6 5 4 3 1
Var 72 unfriendly (Ag)	282	1.922	.2687	1.245	.2884	.3355 p=.0001	7.111 p=.0001	1/6	6 2 3 5 1 4
Var 74 unwanted (Sd)	282	1.816	.3885	1.644	.1486	.2356 p=.127	2.880 p=.013	6,2/5	6 2 4 3 1 5
Var 75 upset (Sd)	282	1.844	.3635	1.505	.1882	.2687 p=.012	2.399 p=.035	5,1/6	6 2 3 4 5 1
Var 78 like whining (Fe)	282	1.826	.3796	2.101	.0655	.2136 p=.455	3.701 p=.002	6,3/2	6 3 4 1 5 2
Var 79 worried (Sd)	282	1.777	.4173	1.575	.1673	.2311 p=.168	1.545 p=.173	1/6	6 2 3 5 4 1
Var 81 wonderful (Sr)	282	1.280	.4499	1.306	.2614	.2058 p=.673	.674 p=.643	3/5	5 4 1 2 6 3

Analysis of Variance and Multiple Comparisons
for Time on Sex: Females

MOOD FACTOR	df	Significant T-Tests Over Time Periods*													
		1-2	1-3	1-4	1-5	1-6	2-3	2-4	2-5	2-6	3-4	3-5	3-6	4-5	4-6	5-6
Surgency	42	.005	.05	.05	.05	.005			.025							.05
Sadness	30	.005	.05		.025	.005		.005					.05		.005	.05
Aggression	28	.025			.005	.005				.005			.005		.001	.025
Mastery/Self-Esteem	24	no significant differences between periods were found														
Depersonalization/Fatigue	18	no significant differences between periods were found														
Frustration/Embarrassment	12	no significant differences between periods were found														

*Numbers denote probability levels

Table 16

Analysis of Variance and Multiple Comparisons
for Time on Grades: Third & Fourth

Variable	N	Mean*	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)[a]	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference[b]	Duncan's
Var 1 good (Sr) [c]	311	1.113	.3165	1.982	.0811	.3287 p=.0001	3.864 p=.002	5,1,3,2/4 1/6	5 1 3 2 6 4
Var 4 angry (Ag)	311	1.897	.3043	3.937	.0018	.3259 p= .0001	6.412 p=.0001	2,3,1,5/6 5/4	6 4 2 3 1 5
Var 7 bashful	311	1.797	.4026	2.164	.0580	.2222 p=.238	2.736 p=.018	3,1/5	4 3 1 6 2 5
Var 9 bored	311	1.707	.4557	1.717	.1304	.1986 p=.871	.592 p=.706	2,1/3	3 4 6 5 2 1
Var 13 cheerful (Sr)	311	1.241	.4295	1.724	.1288	.2252 p=.197	.822 p=.534	6,4/2	2 3 5 1 6 4
Var 15 cooperative (Fe)	311	1.373	.4844	3.309	.0063	.1877 p=1.00	.648 p=.663	6,1,4/2	2 3 5 6 1 4
Var 17 cruel	311	1.878	.3280	1.845	.1039	.2761 p=.004	4.723 p=.0001	2/6	6 1 5 3 4 2
Var 19 disturbed (Ag)	311	1.797	.4026	1.356	.2407	.2097 p=.496	1.355 p=.239	2/3	3 6 5 1 4 2
Var 21 embarrassed	311	1.817	.3875	5.433	.0001	.2687 p=.007	9.080 p=.0001	6,1,5/2,4 6,1/3	6 1 5 3 2 4
Var 23 fed-up (Sr)	311	1.859	.3491	2.212	.0531	.2653 p=.010	3.408 p=.005	3,2,1,5/6	6 4 3 2 1 5
Var 24 like fighting	311	1.823	.3822	2.928	.0134	.2567 p=.020	6.670 p=.0001	6,5,3,2/1	6 5 3 2 4 1
Var 27 furious (Ag)	311	1.852	.3556	1.021	.4055	.2243 p=.210	1.741 p=.122	2/3	3 5 6 4 2 1
Var 28 giggly (Sm,Df)	311	1.633	.4826	1.790	.1146	.2116 p=.445	.032 p=.998	5,2,1,6,3/4	5 2 1 6 3 4

* 1 = "Yes" response, 2 = "No" response to "Right now I feel...."

a Time Period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch
4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

b Supralateral Time Periods are significantly different from the inferolateral groups

c Initials denote factor(s) upon which the variable loads

Analysis of Variance and Multiple Comparisons
for Time on Grades: Third & Fourth

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests (p≤.05)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 29 like giving-up (Sr,Fe)	311	1.862	.3457	1.924	.0901	.2634 p=.011	3.535 p=.003	1,2/6	6 5 3 1 2 4
Var 30 glad (Sr)	311	1.203	.4026	2.838	.0160	.2412 p=.066	2.530 p=.027	1,2,3/6 1,3/4	1 3 2 5 6 4
Var 31 great (Sr)	311	1.238	.4265	1.851	.1028	.2349 p=.104	.889 p=.483	5,3,1/4 3/6	5 3 1 2 6 4
Var 32 grouchy	311	1.888	.3165	1.376	.2330	.2650 p=.010	3.563 p=.003	2/6	4 6 5 3 1 2
Var 33 grumpy (Sr)	311	1.907	.2912	1.403	.2231	.2952 p=.001	4.032 p=.001	1,3/5	5 6 2 4 1 3
Var 35 happy (Sr)	311	1.151	.3587	1.232	.2940	.2233 p=.220	2.272 p=.045	1/6	1 3 2 5 4 6
Var 38 Ignored	311	1.817	.3875	3.142	.0088	.2764 p=.004	2.889 p=.013	1,3,2,4/5	5 6 1 3 2 4
Var 39 joyful (Sr)	311	1.244	.4304	2.434	.0349	.2318 p=.128	.971 p=.434	3,5,1,2/4 3/6	3 5 1 2 6 4
Var 44 like laughing (Sm,Df)	311	1.566	.4964	.926	.4643	.1817 p=1.00	.320 p=.901	1,2/4	1 6 2 3 5 4
Var 45 lazy	311	1.775	.4183	1.870	.0993	.2100 p=.485	1.877 p=.095	1/5	5 4 3 6 2 1
Var 46 liked (Sr)	311	1.289	.4542	2.241	.0503	.2022 p=.731	.561 p=.730	6,2,1,3/4	6 2 1 3 5 4
Var 49 mean (Ag)	311	1.904	.2957	3.351	.0058	.2665 p=.009	12.203 p=.0001	6,5/2,1 6/3	6 5 4 3 2 1

Analysis of Variance and Multiple Comparisons
for Time on Grades: Third & Fourth

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 53 nervous (Sd)	311	1.707	.4557	2.520	.0296	.2185 p=.299	.702 p=.622	2,1,6,4/3	3 2 5 1 6 4
Var 55 playful (Sr,Sm)	311	1.379	.4860	1.793	.1141	.1804 p=1.00	.080 p=.995	2,3,5,1/4	2 3 5 1 6 4
Var 56 polite (Ag)	311	1.283	.4512	2.464	.0330	.2103 p=.478	.955 p=.444	2,3/4 2/1 2/6	2 3 5 6 1 4
Var 59 rotten (Sd)	311	1.846	.3619	1.070	.3772	.2291 p=.154	1.392 p=.224	6/2	6 4 3 1 5 2
Var 60 rude (Ag)	311	1.907	.2912	2.086	.0671	.3151 p=.0001	6.297 p=.0001	1,2/6	6 3 5 4 2 1
Var 61 sad (Sd)	311	1.868	.3389	1.896	.0948	.2448 p=.051	4.998 p=.0001	6,5/1	6 5 4 2 3 1
Var 62 sassy (Df)	311	1.904	.2957	2.692	.0213	.2813 p=.002	18.285 p=.0001	3,5,2/1	3 5 2 4 6 1
Var 63 shy (Sd)	311	1.842	.3649	1.336	.2468	.2726 p=.005	1.234 p=.294	3/4	3 6 1 5 2 4
Var 65 strange (Sd)	311	1.810	.3927	1.601	.1596	.2251 p=.199	2.427 p=.033	6,2/1	6 2 3 4 1 5
Var 67 bad-tempered(Sr,Ag)	311	1.862	.3457	2.565	.0272	.2834 p=.002	3.007 p=.010	5,3,2,1/6	6 4 5 3 2 1
Var 72 unfriendly (Ag)	311	1.887	.3165	2.390	.0380	.2938 p=.001	10.671 p=.0001	5,1/6 3/1	6 3 2 4 5 1
Var 74 unwanted (Sd)	311	1.826	.3794	1.987	.0804	.2278 p=.168	3.384 p=.005	6,3/1	6 3 4 2 5 1
Var 75 upset (Sd)	311	1.881	.3243	1.299	.2640	.2603 p=.015	3.109 p=.008	6/1	6 5 3 2 4 1

Analysis of Variance and Multiple Comparisons
for Time on Grades: Third & Fourth

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 78 like whining (Fe)	311	1.772	.4204	3.713	.0028	.2338 p=.112	3.796 p=.002	6,1,3/2,5	6 1 3 4 2 5
Var 79 worried (Sd)	311	1.817	.3875	1.718	.1300	.2306 p=.139	3.175 p=.007	6,2/1	6 3 2 5 4 1
Var 81 wonderful (Sr)	311	1.286	.4527	3.306	.0064	.2139 p=.391	1.100 p=.358	1,5,2/6,4 1/3	1 5 2 3 6 4

Mood Factor	df	Significant T-Tests Over Time Periods*														
		1-2	1-3	1-4	1-5	1-6	2-3	2-4	2-5	2-6	3-4	3-5	3-6	4-5	4-6	5-6
Surgency	46			.005		.005		.005		.005			.005	.005		.005
Sadness	30		.025		.025	.005				.025				.005		
Aggression	22					.005				.005			.025			.025
Mastery/Self-Esteem	18			.05				.05			.05			.025		
Depersonalization/Fatigue	10										.005			.005	.05	
Frustration/Embarrassment	14	no significant differences between time periods were found														

*Numbers denote probability levels

Table 17

Analysis of Variance and Multiple Comparisons for Time on Grades: Fifth & Sixth

Variable	N	Mean*	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)[a]	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference[b]	Duncan's
Var 2 active	283	1.297	.4577	1.630	.1521	.2060 p=.667	.524 p=.759	2/4	4 1 3 5 6 2
Var 3 afraid (Fe)[c]	283	1.929	.2567	3.934	.0018	.4591 p=.0001	5.205 p=.001	2,1,4,3,5/6	6 2 1 4 3 5
Var 10 bossy (Ag)	283	1.841	.3663	1.181	.3185	.2330 p=.149	4.562 p=.0001	1/6	6 5 2 4 3 1
Var 11 brave (Sm)	283	1.336	.4731	1.026	.4026	.1868 p=1.00	.246 p=.942	5/2	5 1 6 3 4 2
Var 12 calm (Ag)	283	1.265	.4421	1.861	.1013	.2151 p=.420	1.501 p=.186	1,5/3	1 5 4 2 6 3
Var 15 cooperative (Ag)	283	1.272	.4458	1.106	.3575	.1951 p=1.00	.957 p=.443	1/2	1 4 3 5 2 6
Var 16 like crying (Ag)	283	1.961	.1936	1.984	.0812	.5064 p=.0001	8.625 p=.0001	2,5,1,3/4	4 6 2 5 1 3
Var 20 dumb (Df)	283	1.866	.3416	2.492	.0315	.3020 p=.001	3.600 p=.006	3,6,2/1 3/5 3/4	3 6 2 5 4 1
Var 21 embarrassed	283	1.866	.3416	1.052	.3874	.2681 p=.012	1.747 p=.121	3/6	3 2 1 5 4 6
Var 25 fine (Sr,Ag)	283	1.226	.4191	1.747	.1240	.2139 p=.449	2.046 p=.069	3,4/5	5 1 2 6 3 4
Var 28 giggly (Sr)	283	1.618	.4866	1.573	.1679	.1836 p=1.00	.259 p=.935	3/6	3 4 2 5 1 6
Var 41 jumpy	283	1.625	.4849	1.619	.1551	.1825 p=1.00	.203 p=.961	3/1	3 6 4 2 5 1
Var 49 mean (Ag)	283	1.859	.3490	1.932	.0982	.2723 p=.009	4.454 p=.0001	2,3/4	4 6 1 5 2 3

* 1 = "Yes" response, 2 = "No" response to "Right now I feel...."

a Time Period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch
4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

b Supralateral Time Periods are significantly different from the inferolateral groups

c Initials denote factor(s) upon which the variable loads

Analysis of Variance and Multiple Comparisons
for Time on Grades: Fifth & Sixth

Variable	N	Mean	Standard Deviation	Anova		Homogeneity of Variance		Multiple Range Tests ($p \leq .05$)	
				F Ratio	F Probability	Cochrans C	Bartlett-Box F	Least Significant Difference	Duncan's
Var 52 needed	283	1.682	.4665	1.448	.2070	.1932 p=1.00	.399 p=.850	2,4/5	5 3 6 1 2 4
Var 56 polite (Sr)	283	1.304	.4607	1.210	.3043	.1933 p=1.00	.675 p=.642	1/5	1 3 2 6 4 5
Var 60 rude (Df)	283	1.879	.3257	1.274	.2752	.2982 p=.001	2.243 p=.048	2,3,1/4	4 6 2 5 3 1
Var 63 shy (Fe)	283	1.898	.3038	1.170	.3243	.2617 p=.020	7.340 p=.0001	3/5	3 4 6 2 1 5
Var 66 strong (Sm)	283	1.435	.4966	.980	.4303	.1727 p=1.00	.072 p=.996	5/1	5 6 4 2 3 1
Var 69 tired (Df)	283	1.537	.4995	1.050	.3883	.1719 p=1.00	.039 p=.999	2/3	2 6 4 5 1 3
Var 70 tough (Sm)	283	1.587	.4933	2.151	.0598	.1811 p=1.00	.092 p=.993	6,4,1/5	5 3 2 6 4 1
Var 76 weak (Sm)	283	1.834	.3728	1.369	.2362	.2286 p=.196	3.025 p=.010	2/3	1 2 5 6 4 3
Var 79 worried (Sd,Fe)	283	1.774	.4191	1.889	.0963	.2274 p=.211	1.929 p=.086	4,3/6 3/2	6 2 5 1 4 3

Mood Factor	df	Significant T-Tests Over Time Periods*													
		1-2	1-3	1-4	1-5	1-6	2-3	2-4	2-5	2-6	3-4	3-5	3-6	4-5	4-6	5-6
Surgency	38				.05											
Sadness	30	.025				.05	.025		.05				.05			.05
Aggression	36	.025	.05	.005		.005								.025		.025
Mastery/Self-Esteem	18	no significant differences between time periods were found														
Depersonalization/Fatigue	22	no significant differences between time periods were found														
Frustration/Embarrassment	8	no significant differences between time periods were found														

*Numbers denote probability levels

male and female groups, and lower and upper grades, respectively; marker variables were involved in 82.50, 80.56, 80.49, and 81.82% of these cases, indicating that these variables were not only strong markers for their respective factors, but that the majority of them were also sensitive to time-of-day effects.

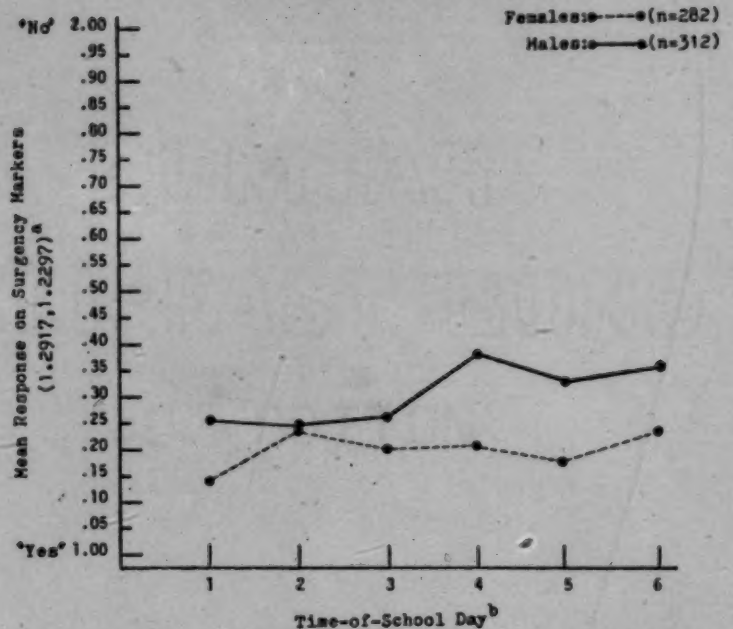
T-tests over time revealed that the greatest degree and number of significances were present for the *surgency* factor in all groups except that of Grades 5/6; their *aggression* factor was the dimension most affected by time-of-school day. *Frustration/embarrassment* showed no diurnal effects, while *depersonalization/fatigue* was significant for only comparisons in Grades 3/4. *Mastery/self-esteem* was the sole factor which showed time-of-day affects on two groups, with four comparisons being significant for Grades 3/4, and two comparisons for the males.

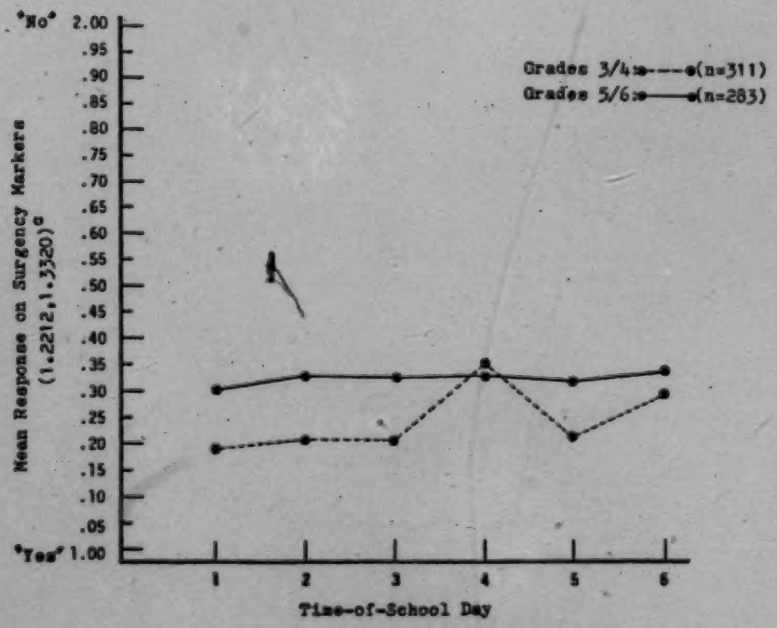
For all factors affected, the majority of significances appear to be between the morning and afternoon school sessions, with times 1, 4, and 6 being the periods most involved. These mood fluctuations for each group over the course of the school day, are graphically depicted in Figures 4-9. As can be seen from the first three figures (Figs. 4, 5, & 6), all groups began the day with greater feelings of surgency, and lesser feelings of sadness and aggression. This pattern, however, changed as the hours past, until the last period, when surgency was near its lowest level and sadness and aggression had increased. The

Figure 4

Diurnal Variation on Pre-Adolescent Mood Factors:

Surgency in Males & Females, Grades 3/4 & 5/6





[a]Numbers in parentheses denote grand means for males & females, respectively

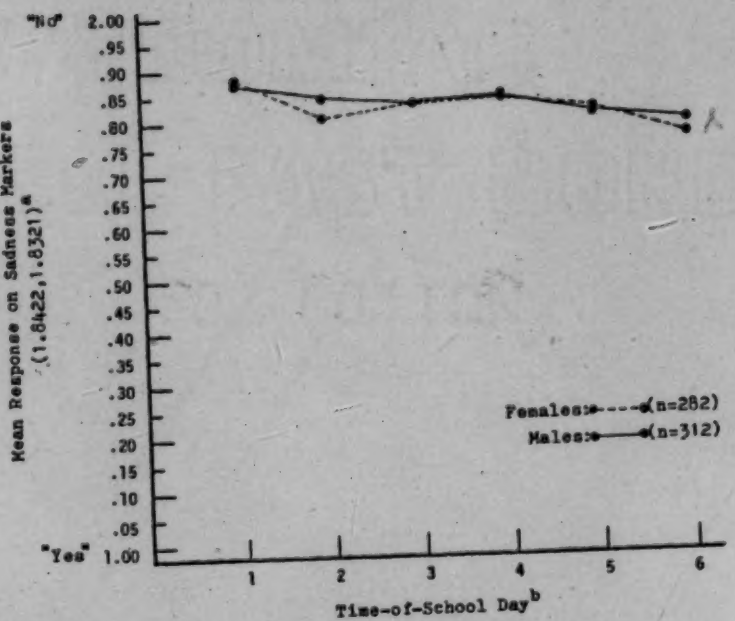
[b]Time period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch, 4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

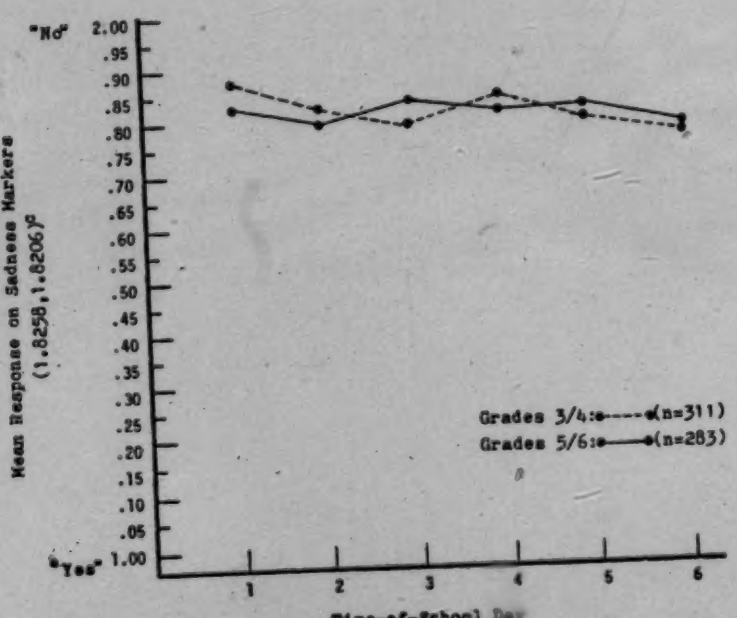
[c]Numbers in parentheses denote grand means for grades 3/4 & 5/6, respectively

Figure 5

Diurnal Variation on Pre-Adolescent Mood Factors:

Sadness in Males & Females, Grades 3/4 & 5/6





[a]Numbers in parentheses denote grand means for males & females, respectively

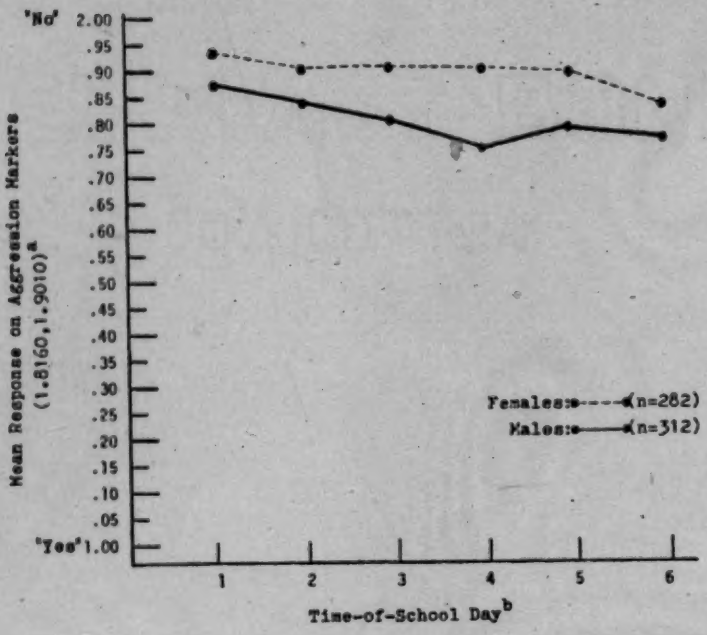
[b]Time period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch, 4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

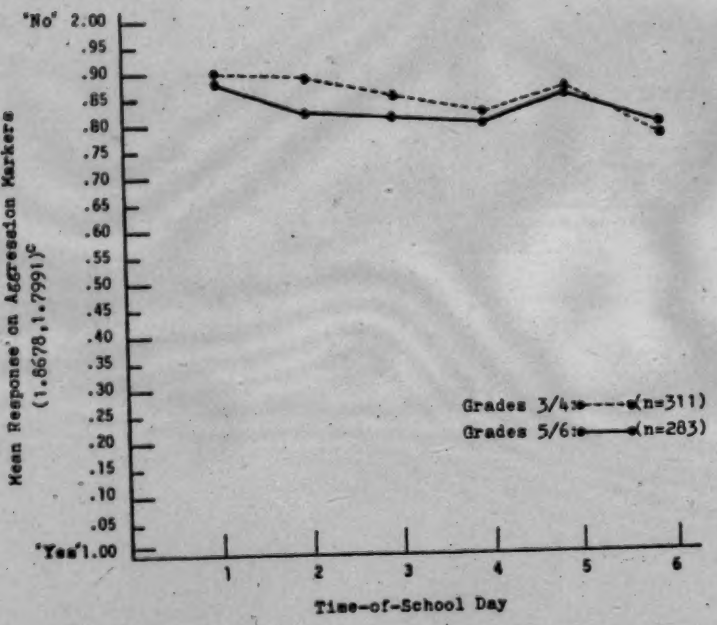
[c]Numbers in parentheses denote grand means for grades 3/4 & 5/6, respectively

Figure 6

Diurnal Variation on Pre-Adolescent Mood Factors:

Aggression in Males & Females, Grades 3/4 & 5/6





[a]Numbers in parentheses denote grand means for males & females, respectively

[b]Time period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch, 4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

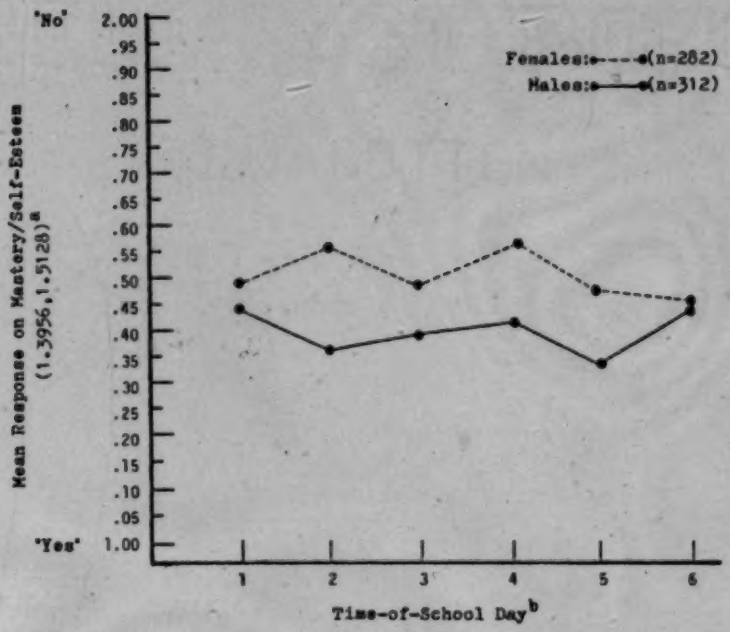
[c]Numbers in parentheses denote grand means for grades 3/4 5/6, respectively

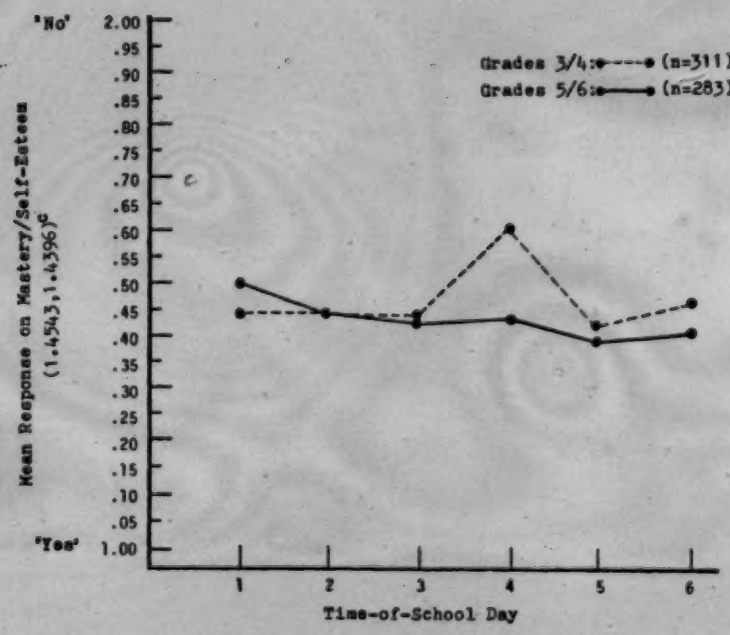
three remaining factors showed various fluctuations during the school day, nevertheless, their beginning and final levels did not reveal any great divergence (Figs. 7, 8, & 9). Because the *sets* of markers for each factor within the separate subgroups were different, statistical comparison between the groups was not possible. Due to the high degree of factor similarity across the samples however, general comparisons may be made: taken as a whole, then, females and pupils in grades 3 & 4 are shown as feeling consistently more surgent, and less aggressive and masterful, than their male and upper grade counterparts. Additionally, levels of sadness appear to be quite similar across all groups, while feelings of depersonalization/fatigue and frustration/embarrassment are found to be greater for the males and grades 3/4.

Figure 7

Diurnal Variation on Pre-Adolescent Mood Factors:

Mastery/Self-Esteem in Males & Females, Grades 3/4 & 5/6





[a]Numbers in parentheses denote grand means for males & females, respectively

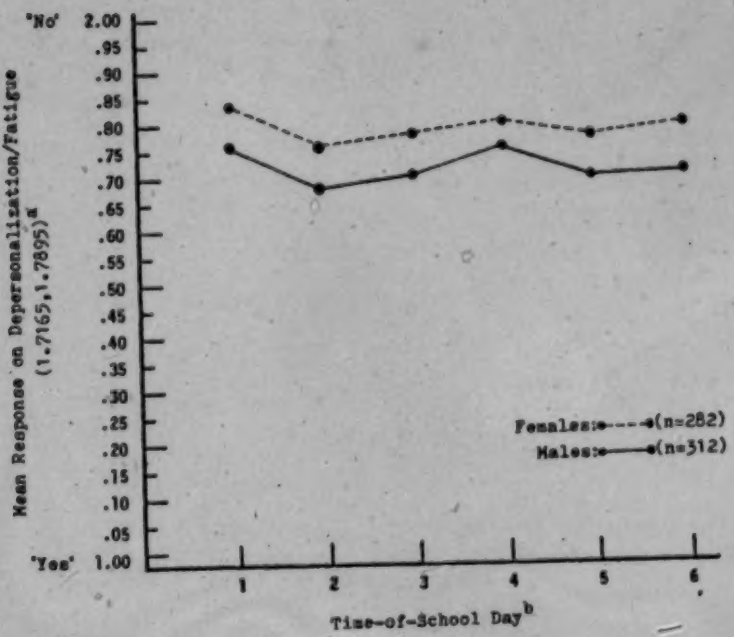
[b]Time period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch, 4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

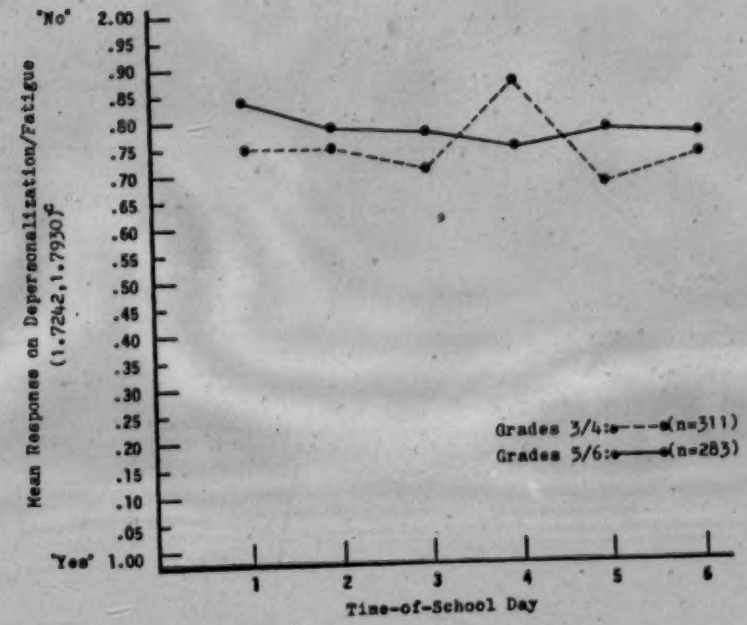
[c]Numbers in parentheses denote grand means for grades 3/4 & 5/6, respectively

Figure 8

Diurnal Variation on Pre-Adolescent Mood Factors:

Depersonalization/Fatigue in Males & Females, Grades 3/4 & 5/6





[a]Numbers in parentheses denote grand means for males & females, respectively

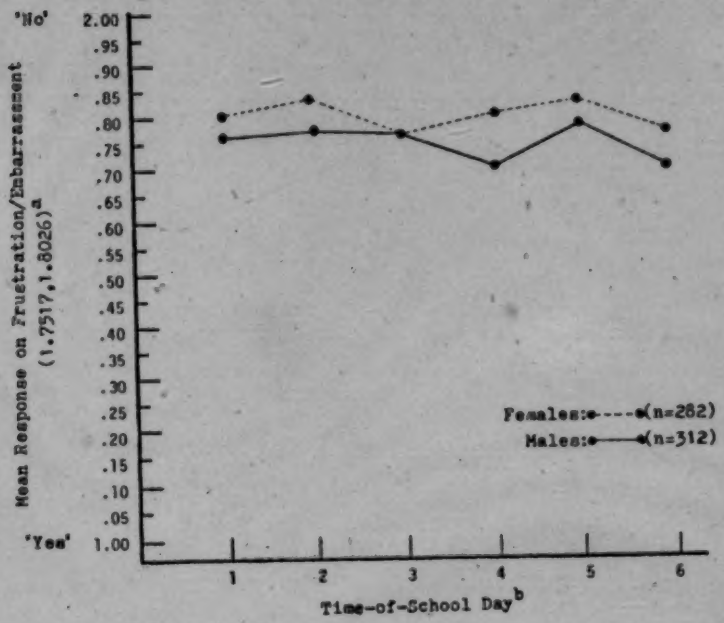
[b]Time period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch, 4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

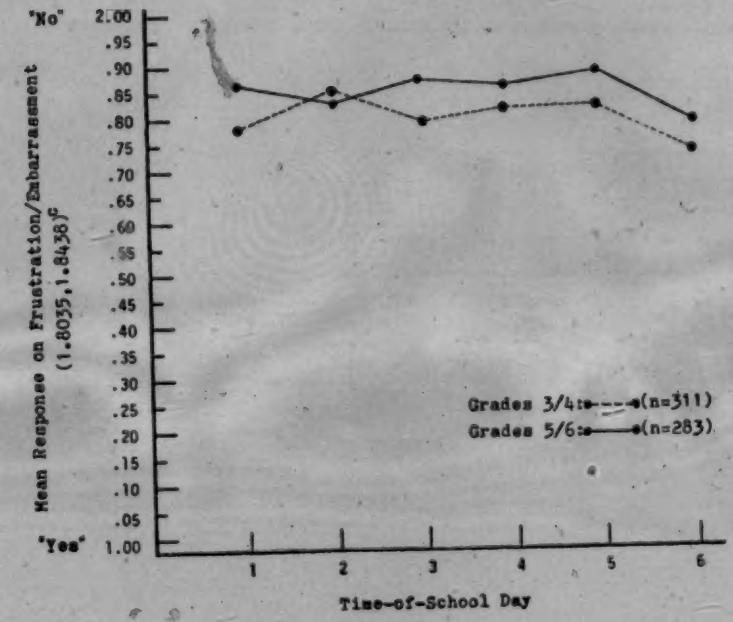
[c]Numbers in parentheses denote grand means for grades 3/4 & 5/6, respectively

Figure 9

Diurnal Variation on Pre-Adolescent Mood Factors:

Frustration/Embarrassment in Males & Females, Grades 3/4 & 5/6





[a]Numbers in parentheses denote grand means for males & females, respectively

[b]Time period 1 = First period of the day, 2 = Before morning recess, 3 = Prior to lunch, 4 = After lunch, 5 = Before afternoon recess, 6 = Last period of the day

[c]Numbers in parentheses denote grand means for grades 3/4 & 5/6, respectively

V. Discussion

Although much theoretical work has been done in the area of personality, scant use has been made of systematic empirical data in order to derive conceptualizations (Fiske, 1971). One exception to this is in the affective domain, where numerous factor analyses have yielded both reoccurring and unique constructs. Over the last three decades, personality theorists and researchers have been paying increasing attention to the concept of mood, and its various components, as first defined through factor analysis. Such taxonomic endeavors have ultimately led to the consensus "that it is now {considered} meaningful to talk about the *structure* of {adult} mood", and the very integral part it plays in the total functioning of personality (Hendrick & Lilly, 1970, p.453).

The concept of mood structure has been shown to have considerable validity (Hendrick & Lilly), and although quite complex, its basic factor structure has remained relatively stable over various populations and investigations (see Howarth & Schokman-Gates, 1981, for a review of these). Additionally, because factors are conceived of as being the "*primary dimensions*[22] of individual difference" (Overall & Klett, 1972, p.90), a *solid* factor structure must meet three primary criteria: 1) conceptual meaningfulness--in order to

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[22]Factors are said to be primary or elemental in the sense that they represent pervasive personality constructs which have been found in the subject population, and which differ mainly in <u>degree</u> across the individuals in this population.

understand the nature of mood, one must first be able to conceptualize what each of its components represents; 2) relative independence or orthogonality of dimensions--if factors overlap greatly in their structure, conceptual as well as statistical acuity will be lost; and 3) parsimony--if individual differences in the domain of interest cannot be categorized into substantially smaller units than the number of original variables, researchers and theorists alike will become lost in a morass of data points. Associated with these criteria is the requisite evidence for the presence of "real" factors. Nunnally (1967) asserts that if the highly-loaded variables which are used to define a factor have substantial correlations among themselves, while maintaining much smaller values with "other-factor" markers, then direct confirmation has been given for this dimension's validity--a very necessary condition if the *entire* factor structure is purported to be valid.

In order to meet any of these criteria however, particular attention must first be paid to the actual design and execution of the factor-analytic study. Primary among the several considerations, are those relating to the use of (*at minimum*) 100 or more subjects than there are variables,[23] and to the tests of statistical significance

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[23]Cattell (1966a) cites this number of subjects as being "adequate" for a "proper" factor-analytic study, however, as noted before, the majority of researchers in this area maintain that a ratio of from 3:1 to 5:1 would be more appropriate. The present investigation employed a ratio of approximately 3.5:1.

for rotation to simple-structure and number of *interpretable* factors. As a corollary to the latter, inclusion must also be made of at least two or three markers from each of all known factors which may be relevant to the investigation (Cattell, 1966a). Of course, this last criterion may pose a problem when the study is of an exploratory nature into a totally new domain, as was my investigation, but guidance may often be taken from prior research in the adult area, with necessary accommodations being made.

As may also have been apparent from the above discussion, the actual *method* of factor analysis is rather inconsequential, for, although individual marker loadings may differ, <u>if</u> a definite factor structure is present and is found by any one of the methods, then this same structure will be found by the others as well (Nunnally, 1978). And, once this structure has been found, attention should naturally turn to its explication in terms of dependent and independent variables.

Cattell broached this issue in 1965 when he presented arguments regarding the correct usage of factor analysis and anova. As previously-noted, factor analysis can indicate which independent or dependent variables should be of prime concern for statistical testing via the analysis of variance. In order to use this method to the best advantage for my purposes however, factor invariance (similarity) across subgroups had to first be attained (Tables 5-7). Such invariance is considered to be both a necessary and

important condition (Henrysson, 1957) for attributing explanatory significance to the factors--however, it is not sufficient unto itself. And herein lies the utility of such statistical methods as analysis of variance and multiple comparisons, for if the factors are "real" and stable, then non-factorial research will bear this out. Turning now to the four queries of Chapter II, each will be dealt with consecutively and in some detail with respect to the results obtained.

1) Can one general dimension of state fluctuation account for the affective experiences of the pre-adolescent (i.e., are the moods of such youngsters still, as yet, largely undifferentiated)?

As noted in the Results chapter, of the four initial analyses run, factor dimensions were found to total 14 in both sexes of the younger subjects (grades 3 & 4), while the two older groups (grades 5 & 6) each revealed one less factor at 13. Nonetheless, a perusal of both factor loadings, and their possible conceptual meaning, indicated that interpretable factors were not consistent across the sex/grade samples. Four further exploratory analyses on the samples were run, each with criteron set at a successively more stringent level in the hopes that a clear-cut and generalizable set of factors would emerge. The final set of analyses did indicate the presence of six common factor axes based on gender (males vs females) and age (grades 3/4 vs grades 5/6). These solutions had indicated not only the

presence of *interpretable* factors, but also that the change in variance accounted for by each succeeding axis after the sixth had become definitely small. Such occurrences proffer the possibility that either I was investigating a domain whose dimensionality was rather large, or that virtually nothing except error variance was left in the residuals. Actually, both of these proposals may be valid: As may be recalled from the results chapter, the initial set of analyses had produced at least 10 interpretable, albeit occasionally divergent, factors for the four subgroups; the Scree test (Figs. 2 &3), on the other hand, had indicated the presence of only six or seven "in-common" interpretable factors. Because the per-cent of variance accounted for by these six factors was fairly low (from 34.6 to 37.1 as shown in Tables 8-13), it is reasonable to assume that error variance, as well as the differential effects of gender and age, play a part in defining a <u>generalizable</u> pre-adolescent mood structure.

It would appear then, that males and females in both the lower and upper grades have approximately the same *number* of mood dimensions, that these mood dimensions are differentiatable (more than one unique state dimension is necessary to explain their affective experiences), and that the number of dimensions is similar to that found in adults. Nevertheless, across the age groups of interest, the conceptual meaning of some of these dimensions is found to change towards those of the adult domain indicating that

physical and social maturation may also affect basic mood structure.

Now although this latter finding was of heuristic interest, my main concern was with the more applied area of mood measurement. As noted previously, the major intent of this study was to determine mood structure of pre-adolescents *in order to expedite the construction of a pre-adolescent state measure*. Integral to this objective was the necessity of discovering the *broad general* dimensions which are present and capable of being similarily assessed across both sexes and over the upper four elementary school years.

A further finding of interest is that although there is a common-sense assumption (Nowlis, 1963) that moods are bipolar in the sense that one is either in a "good" or "bad" mood or a "happy" or "sad" one, my research indicates pre-adolescent moods to be essentially unipolar. Almost all factors in all subgroups were found to have the greatest number and degree of loadings in the positive direction , if they indeed had any negative loadings at all. The only exception was the dimension of *frustration/embarrassment* in females, where the two highest markers were "calm" at -.47 and "cooperative" at -.58. Nevertheless, bipolarity cannot be assumed here either, since these two items were more than offset by the other five positively-loaded markers. Similar findings have been replicated many times over in the adult domain (Nowlis, 1970); more attention will be paid to this

issue of uni- and bi-polarity in a later part of the Discussion chapter.

2) Are the affective states of pre-adolescents generally similar?

Factor-matching across samples yielded six conceptually-clear dimensions (as based on adequate loadings and interpretable factors) in pre-adolescent subjects. Because of sex and age differences on factor loadings, selection of markers to define a factor was done for each sex and within the lower (3/4) and upper (5/6) two grades. The six factors for the four samples, in order of decreasing mean variance, were: *Surgency, Sadness, Aggression, Mastery/Self-Esteem, Depersonalization/Fatigue,* and *Frustration/Embarrassment*, as presented in Tables 8-13.

Now although the definition of factors found for each of the subgroups is not identical, nor may be the emotional reactions of any two children within those subgroups, [24] it is believed that the six basic dimensions are analogous to one another. Additionally, evidence has been presented in Tables 5-7 for the across-sample congruence of these six pre-adolescent state factors, albeit some factors did appear to be similar to more than one dimension in the comparison group, thus providing further data relating to the affects of maturation on mood structure: For example, the unrotated

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[24] Arnold (cited in Izard, 1965) maintains that when *common factors* are discovered and used to describe one's emotional state, then that person's subjective experience may be viewed as parallel to, but in no way exactly like, that of another within the same mood state.

matrices of Table 5 show that in older children (grades 5/6) the *depersonalization/fatigue* factor is more similar to *aggression* (Tucker's coefficient of .7237) and *sadness* (.5706) in younger children, than it is to its own counterpart (.2855) in this group; conversely, younger subjects on this factor show the greatest congruence to the older children's dimension of *sadness* (.4696) . No divergent results were found for either of these age groups on that factor (*D/F*) when compared with the female sample (Table 6), while the 5/6's *depersonalization/fatigue* dimension did compare to both its own counterpart (..6506) and *aggression* (.7355) in the males (Table 7). Likewise, *frustration/embarrassment* in fifth and sixth graders (Table 5) is closest to third and fourth grade *sadness* (.4696), while this factor in the 3/4's is more similar to the 5/6's dimensions of *sadness* (.5976) and *aggression* (.6002). Once more, these divergences were not noted in the lower age group comparisons with gender; the upper grades (Tables 6 & 7) however, showed their *F/E* factor to be similar to both genders' dimensions of *sadness* (.3780, .4410), as well as to its own counterpart (.3528) in the female group. Males, on the other hand, revealed fairly strong comparisons between their factor of *frustration/embarrassment* (Table 7) and those of *sadness* (.5487) and *aggression* (.7134) in grades 5/6.

As is evident from these contrasts, some factors which appear to be relatively congruent for one sex and/or age

group, have relatively weak congruence with another group. Prominent among these contrasting factors are the two weaker dimensions of *depersonalization/fatigue* and *frustration/embarrassment* especially in the upper grades and males. Nonetheless, because *each* rotated factor comparison across subgroups reached at least the .01 level of significance, it is valid to state that there are, at a minimum, six similar mood factors within pre-adolescent school children.

3) Are there replicated marker patterns with each of the major mood factors found in these children?

As noted in the previous section, some *congruent* factors appear to differ in regard to their relationships across grades and gender. A probable explanation for this is the fact that unique features were present in several of the dimensions--specifically, marker variables were not congruent across all ages and sexes. Marker similarity (Tables 8-13) ranged from a high of 16 "in-common" variables (items which appeared as markers in all four of the factor structures) across subgroups for *surgency*, to a low of zero on the *frustration/embarrassment* factor; *depersonalization/fatigue* was also scant on markers, with only one in-common variable being present. On the other hand, Factor II (*sadness*) had ten across-group variables, while Factors III and IV (*aggression* and *mastery/self-esteem*) had seven and six, respectively. Additonally, certain subgroups were more congruent in their

marker patterns, with males and grades 3/4 having the greatest number of in-common variables at 21 (for the *surgency* dimension). Females and the upper grades had the most similarity on *sadness*, *depersonalization/fatigue*, and *frustration/embarrassment* at 14, 6, and 4 markers, respectively, while *aggression* revealed a greater marker-congruence for males and grades 5/6. All comparisons between groups were similar for *mastery/self-esteem* (in-common variables equaled 6 or 7), except for females and the lower grades where this congruence reached the level of 10 in-common markers.

Taken as a whole then, neither gender nor age alone would have sufficed in determining the mood structure of pre-adolescents. Both must be considered as independent variables when determining this structure, since each brings its own unique patterns of mood to the analysis.

4) In what ways, if any, do these childhood mood factors differ from those of the adult?

If the discipline of personaliity is indeed interested in the individual differences of humankind, then it must also be interested in that of the child. In the mood area, obviously the first question to be asked in this regard is how often, if at all, state factors found in adults likewise appear in children? This question is of basic relevance to psychology since the growth of a personality variable and "its response to various influences cannot be followed unless it can be located and measured as the same entity

over an appreciable age range" (Cattell, 1973, p.64). As a corollary to this expansion of research into the "normal" child's realm, is the additional prospect of expansion into the state realm of the "abnormal" child--possibilities exist for the marked utility of a child state measure in the clinical area. Of course, some investigators have been cognizant of this need (e.g. Cattell, 1973; Sarason et al., 1960; Spielberger, 1970), nonetheless, no systematic research has ever been undertaken in this field. Cattell (1973, p. 65) offers several explanations for this neglect:

> In the first place, one does not want errors from complications in the purely cognitive field while exploring the personality field. With children there are problems of reading and verbal understanding that might force one to forego due representation of certain areas of behavior....Moreover, if the self-perceptions of children--quite apart from language difficulties--should prove to be naive and unstable, it would be a poor place to start trying to define elusive basic structure....Because of these considerations the best strategy has seemed to start with adults and work down. This approach also gives the advantage that the personality sphere can include markers for the adult factors so deliberately and gradually modified for children that a continuity of variables might be established.

Taking careful note of these child-induced complications, as set out in the Method chapters, I was able to determine that from an original 447-item list of adult mood markers, 81 were found by pre-adolescents to have state-descriptive meaning. Factor analytic research on a measure employing these 81 "comprehensible" items was then undertaken.

As previously-noted in the results section, four of the six pre-adolescent mood dimensions did have clear-cut adult counterparts: *surgency*, *sadness*, *aggression*, and *fatigue* (*depersonalization/fatigue*); *mastery/self-esteem* and *frustration/embarrassment* appear to have no analogous adult factor, albeit a few researchers may have presented similar dimensions in combination with another.

The first factor determined in the present study was that of *surgency*. This dimension was also found to be the most robust one in the adult realm. In-common markers for this factor across both my study and those using adults, reveal replications in at least six of the adult-mood investigations mentioned previously.[25].

In-common markers and replications in the adult domain were also found for the childhood dimensions of *sadness*, *aggression*, and *fatigue*, while McNair and Lorr (1965) presented a tentative factor called *confusion* which appeared to be characterized by bewilderment and "muddleheadedness"; perhaps this latter dimension may be analogous to the depersonalization aspect seen in the *depersonalization/fatigue* dimension of the present study. Table 18 presents a comparison of the adult factors with those found in the pre-adolescent investigation.

As for the mood dimension of *mastery/self-esteem*, the egotism factors which have been found in the adult domain,

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[25]Additionally, Cattell has found this factor to be a primary (source) *trait* in both children and adults (Howarth & Cattell, 1973; Porter, Cattell, & Ford, 1968)

Table 18

COMPARISONS BETWEEN ADULT AND PRE-ADOLESCENT MOOD FACTORS

Surgency	Sadness	Aggression
Surgency (Hendrick & Lilly)	Sadness (Hendrick & Lilly)	Anxiety-Hostility (Hendrick & Lilly)
Cheerful (Lorr, Daston & Smith)	Sadness (Howarth)	Aggression (Howarth)
Surgency (Mercatoris et al.)	Depressed (Lorr et al.)	Anger-Hostility (Lorr et al.)
Happiness (Meyers)	Dejected (Lorr & Shea)	Agreeable-Angry (Lorr & Shea)
Surgency (Nowlis)	Depression-Dejection (McNair & Lorr)	Anger (Meyers)
Surgency (Nowlis & Green)	Depression (Meyers)	Aggression (Nowlis)
Cheerful (Lorr & Shea)	Sadness (Nowlis)	Aggression (Nowlis & Green)
	Sadness (Nowlis & Green)	Hostility (Zuckerman & Lubin)
	Depression (Zuckerman & Lubin)	

Mastery/Self-Esteem	Depersonalization/Fatigue	Frustration/Embarrassment
no like-factors were found in the adult domain	Fatigue (Hendrick & Lilly)	no like-factors were found in the adult domain
	Inert-Fatigued (Lorr et al.)	
	Energetic-Tired (Lorr & Shea)	
	Fatigue-Inertia Confusion (McNair & Lorr)	
	Lethargy (Meyers)	
	Fatigue (Nowlis)	
	Fatigue (Nowlis & Green)	

Note. Comparisons are based upon similarity of factor items found in the adult population (Table 1) and those which were markers in the present study (Tables 8-13).

have had essentially negative connotations (e.g., "egotistic", "self-centered", and "boastful" as found by Hendrick and Lilly, 1970; Howarth, 1979; Nowlis, 1970; and Nowlis and Green, 1965), whereas the child's dimension represented one of positive and healthy self-regard. Wessman and Ricks (1966) addressed this latter aspect in their monograph on adult mood and personality, when they noted that self-esteem appears to rise when elation is high, and to fall when it is low: "The major changes in self-esteem would appear to be that it becomes much less 'favorable' or 'good' in depression...in depression it seems as if one is judging oneself against an ideal standard and criticizing oneself for being very different from it; in elation it seems as if one's self-concept more clearly approximates one's personal ideal, which is relatively constant" (p. 51). And, so it might be with the child--however, because the pre-adolescent is in such a state of continual flux, perhaps he has not yet derived a "personal ideal", and thus his self-esteem may actually be dependent upon his ability to "master" the immediate situations which present themselves.

In addition to the above-noted comparisons with adult mood factors, attention was also paid to the similarities and divergences found between the six pre-adolescent mood dimensions and the only other state measure available for youngsters--Spielberger's *State Trait Anxiety Inventory for Children* (1970). Out of the 20 items which comprise this single-state measure, eight are found to be marker variables

for five of the pre-adolescent mood factors. These items and the factors they load on are:

1) "calm", *-aggression* (grades 5/6) and *-frustration/embarrassment* (grades 3/4, males, females)
2) "upset", *sadness* (3/4, 5/6, males, females)
3) "nervous", *sadness* (3/4, females), *depersonalization/fatigue* (females), and *frustration/embarrassment* (5/6)
4) "worried", *frustration/embarrassment* (5/6), and *sadness* (3/4, 5/6, males, females)
5) "happy", *surgency* (3/4, 5/6, males, and females)
6) "good", *surgency* (3/4, 5/6, males, females), and *-aggression* (5/6)
7) "mixed-up", *sadness* (3/4, 5/6, males, females), and *depersonalization/fatigue* (females)
8) "cheerful", *surgency* (3/4, 5/6, males, females)

As can be seen from this listing, the variables tended to congregate at not only one or two dimensions (as would be expected if they do indeed measure the <u>single</u> state of anxiety), but rather, their disperal was wide-spread, encompassing all factor dimensions save that of *mastery/self-esteem*. Looking at these comparisons, one wonders whether the <u>sole</u> use of the empirical method for test construction (as was employed for the STAIC) may give as valid or as comprehensive a set of guidelines as would the joint use of empirical and analytical methods. Perhaps some closure on this issue may be reached by returning to

the question of bi- and uni-polarity in mood factors.

The Bi- versus Uni-Polarity Issue in Mood Research

From an inspection of the STAIC, it became apparent that Spielberger assumed anxiety to be a two-directional dimension. This, however, may have been an incorrect assumption, for as Nowlis asserted, "bipolarity assumed by scientist and layman alike is probably unwarranted. Whereas pairs of semantic opposites, such as elated and depressed or affectionate and hostile, are often thought of as representing opposite poles, our results show that they must be unpaired in mood research, since each occurs on a different orthogonal or near-orthogonal factor" (1963, p.78). Theoretically, this finding meant that affects often thought to be at opposite ends of the pole, may in actuality vary quite independently of one another, thus being simultaneously present within the same individual. Using several items from the six-factor solutions, an example in the child realm might be the simultaneously high occurrence of all six factors: A youngster who feels "powerful" (*mastery/self-esteem*) because it was so "great" (*surgency*) to finally get back at that bully by "hitting" (*aggression*) him, may also feel "jumpy" (*depersonalization/fatigue*) and "nervous" (*frustration/embarrassment*) because he is "worried" (*sadness*) about getting caught. Thus, because of the transient, and yet complex nature of moods, it *is* possible to have simultaneously equal or unequal levels of orthogonal state factors which are commonly-assumed to be

opposite in nature.

Notwithstanding the considerable amount of evidence regarding this issue of bi- or uni-polarity, several investigators have found at least partial disconfirmation. Lorr and Shea addressed this problem in 1979, and found that the mood scale properties greatly affected the dimensionality outcomes. When acquiescence or extreme response bias was partialled out of their data, Lorr and Shea found three bi- and one uni-polar mood factors when previously there had been only monopolar dimensions. Their conclusion was "that some moods are bipolar while others are not...{since} semantic opposites need not be psychological opposites" (pp.471-472). Likewise Svensson (1974) noted that symmetric, as opposed to asymmetric mood rating scales, tended to produce balanced proportions of positive and negative responses which then led to marked bipolar factors. It appears then that the persistent emergence of unidimensional factors in the Nowlis' studies may be at least in part a result of format and instructions, nonetheless, it is still considered to be of vital importance to use research designs which do not preclude the possibility of monopolar factors, since even the proponents of two-dimensionality (Lorr & Shea) were unable to predict which moods would be mono or bi.

In the adjective checklist used for the present study, the response format was dichotomous and yet no bi-polar dimensions were discovered. Either this is an instance of

"some moods are bipolar and others are not", or the response format and instructions had no biasing affect on the children. Two further possibilities are 1) the "actual" dimensionality for mood factors in pre-adolescent is in the mono direction, and 2) the children tested had either not yet become cognizant of social-desirability responses, or if they had, they did not feel threatened enough in the test situation to use them.

Diurnal Variation in Pre-adolescents and Adults

A final issue when discussing the similarities between pre-adolescent and adult mood structure involves the effects of time-of-day variables. In regard to state fluctuations over the course of the junior high school-day, Barton and Cattell (1974) found that when using an adult mood measure afternoon testing resulted in significantly higher scores on anxiety, stress, depression, and regression across both sexes (no age-differentiation was made), while girls maintained high levels of anxiety and extraversion throughout the school day; morning testing produced significantly higher scores for arousal in females and for fatigue in males. Since the actual instrument used by Barton and Cattell was not available, direct comparisons between their study and the present one were not possible, nevertheless, generalizations may be made based on the assumed meanings of the factor names. The *sadness* factor in pre-adolescents appears to have a counterpart (depression) in the Barton-Cattell study, and accordingly, *sadness* was

found to be greater in the afternoon across both sexes, with females revealing a consistently higher level for the majority of the day. Likewise, females were significantly more surgent (aroused) at the beginning of the day, while males evinced a similar high score on mid-morning fatigue. Cattell concluded that due to the affect of time-of-day variables on mood dimensions, separate norms for diurnal variation would be of great utility in the state domain. Perhaps the present study, with its explication of pre-adolescent mood factors, will be an impetus to just such work in the child realm.

In the adult domain, diurnal variation has been found to negatively affect concentration, activity, and friendliness, and positively affect fatigue in the early morning vs mid-day hours. On the other hand, late afternoon negatively affected depression and fatigue, and positively affected concentration, relative to the early morning testing. Over-all, positive moods increased both at mid-day and late afternoon, while negative states were found to decrease relative to scores given at the early morning session (Taub & Berger, 1974). In contrast to the adult patterns, the pre-adolescents of the present study revealed greater degrees of positive mood state (*surgency*) at the beginning of the day, while negative states (*sadness* and *aggression*) became more dominant as the day progressed.

A. Implications of the Study

Common sense beliefs regarding the antecedents and consequents of mood range from practical methods for changing affect, to the assertions about which behaviors may be emitted in this or that mood. Nowlis (1977) lists four classes of occasionally overlapping antecedents: somatic and psychosomatic processes; emotional provocations and counterprovocations; environmental contingencies and habitability; and drugs. Research studies based on these four classes have yielded serendipitous results which have led to new areas of interest, such as how mood states fit into the scheme of long-term personality characteristics, or, as in the case of my study, how child mood states compare to those of the adult. Additionally, investigations have been conducted into the relationships between various consequents, such as attitude, feeling and behavior alterations, and affect. The most notable research at the present, however, is in the areas of experimental personality and social psychology, where mood checklists are being employed to investigate the relations between sets of independent and dependent variables (for a review of these studies see Howarth & Schokman-Gates, 1981). It is because of the broad implications posed by these adult mood adjective checklist studies that the explication of pre-adolescent mood structure is so important. For as Howarth and Cattell (1973) noted, no reliable nor valid personality test may be constructed until an adequate

operational definition, based upon the *actual pattern of relationships among the data*, has been attained. What this implies is that the multivariate approach (especially factor analysis) should be used at an early, rather than at a late stage of test development: it is "a necessary condition for effective bivariate experiment and is a precondition for adequate operational definition" (Howarth & Cattell, p.794), since "the discovery of the number and nature of such response patterns...must precede location and listing of the internal and external stimuli that trigger them" (Cattell, 1966a, p.226). In other words, the researcher needs to know what it is he intends to measure, before an appropriate test can be developed for its measurement. And, in order for the great many adult mood findings to have any relevance to the child area, one must be able to construct an analogous pre-adolescent state instrument. The present research is the first step towards that goal.

Turning now to practical implications for a pre-adolescent mood structure, prominent among these is its utility for exploratory studies in the emotional development of the child. Although affect has long been a cornerstone of the adult psychoanalytic field, very few studies have attempted to relate it to the area of child adaptation and growth.[26] Yarrow (1979) maintains that in order to study the

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[26] Reimanis (1974) found that psychosocial development was significantly related to feelings of happiness and elation in college students, and that a very predictable mood-psychosocial development relationship existed in the adult population.

developmental stages in childhood, "we need to distinguish how children come to recognize their own emotional states, how they learn to recognize the feelings of others, and how they learn to label their own emotions and the emotions of others" (p. 954). Further, Yarrow believes that research is needed to determine how the child develops a positive regard for him/herself, since this form of evaluation in youngsters has been found to be associated with the child's perception of his/her ability to control the immediate environment.[27] Nonetheless, "before we can explore these relationships, we need to develop sensitive indices of mastery {in children}" (p. 956). the present investigation may be of great service in this endeavor, since it has determined that mastery and self-esteem are intimately related, appearing, in fact, on the same factor. Additionally, because children are viewed as being "generally unable to sustain moods since they lack ego differentiation, stability of object cathexes, tolerance for tension, and resistance to substitute objects and

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[27]As an interesting sidenote, Lamont and Brooks (1973) have reported that mood level at time of testing significantly affects the scores of Rotter's I-E scale for perception of control. These results indicate that individuals who are depressed perceive themselves as having a lesser degree of control over their environment than do those persons who report higher levels of immediate mood state. This interpretation is likewise found in the study of Harvey and Enzle (1977) , where depressed subjects were found to be significantly more dependent on others than were those subjects who evinced an average or elated level of mood. Likewise, Gatchel, Paulus, and Maples (1975) found that a "learned helplessness"-indiction procedure produced the decidedly negative moods of anxiety, depression, and hostility. Perhaps the adult relationship between mastery and mood is not all that different from the child's.

gratifications" (Wessman & Ricks, 1966), just such hypotheses may be tested out once their mood structure has been determined. Thus, the explication and further investigation of this newly-discovered pre-adolescent mood structure, is seen as being of prime importance in furthering these goals.

Positive self-regard has also been viewed as a predictor and determinant of behavior in children. The studies of Coopersmith (1968) and Gelfand (1962) indicate that children's responses to experimental contingencies are significantly related to their immediate feelings of mastery and self-esteem (as assessed by trait indices). In a similar vein, experimentally-induced levels of affect in elementary school children has been found to significantly alter their responses in regard to generosity (Barnett, King, & Howard, 1979; Underwood, Froming, & Moore, 1977). No objective measures of the youngster's actual mood states were taken, however, so the above results rest mainly upon supposition as to the affective dimensions and levels involved.

Because so few child mood studies exist due to the problems in measurement already noted (and none which use an objective measure of multiple state), the remainder of this section will be devoted to implications for child research as found in the adolescent and adult literature. One significant and robust finding in this field is that of "state vs trait" in the prediction of behaviors. Patrick, Zuckerman, and Masterson (1974) and Zuckerman et al. (1967)

obtained results which indicate that a single administration of a trait test is inferior to a test sampling of states when general personality characteristics are to be described, or behavior is to be predicted. Likewise, Gouaux, Lamberth, Friedrich (1972) and Martin (1959) have found that momentary moods are more powerful determinants of interpersonal attraction responses and stress responses, than are the affects of the allegedly-stable traits. Taken together, these and other studies (Zuckerman, 1976) strongly suggest that a state measure given just prior to the incidence of note, be it experimental or not, is more likely to predict individual behaviors in that situation than would a general trait measure. Such findings may have very important implications for the area of child personality, since a more veridical measure of children's traits may actually be found by doing a time-series analysis using repeated testing with state measures. This would give estimates of variability for the dimensions involved, in addition to their mean levels. Further, in the course of such testing, responses to different kinds of situations could be sampled, as could any time-of-day variables. Although such an approach may be time-consuming (depending upon the type of instrument used), it is believed that a more accurate picture of child personality will obtain since it would take into account the powerful effects of

situations and time on mood, and accordingly, on behavior.[28]

In regard to these powerful effects of situation and time, a number of studies have been conducted which highlight their very cogent relationship to moods. Among these include investigations into sleep deprivation and satiation (e.g., Hendrick & Lilly, 1970; Roth, Kramer, & Lutz, 1976; Taub, Tanguay, & Clarkson, 1976), weather variables (Goldstein, 1972), social climate (Gerst & Sweetwood, 1973), and the home environment (Hughes, 1977). As a companion area to these latter two, attention has also been paid to the calming and stimulating mood affects of music and color, finding both to have significant implications for use in the home and the work-place (Fisher & Greenberg, 1972; Shatin, 1970; Wexner, 1954). Moreover, mood state has been found to be profoundly affected by the emotional reactions one observes in those around him (Abrams & King, 1978), with an imitation theory of affect being proposed.

In regard to these last two findings, Walberg (1968a, 1969) has conducted a series of studies which shows that the classroom climate in high schools may be predicted from teacher and student personality. In particular, class structure appears to be related to both the teacher's

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[28]Mussen and Eisenberg-Berg (1977) present an impressive monograph on the roots of prosocial behavior in children, noting that mood level and reinforcement may play important roles as determinants of sharing and helping behavior. This assertion, however, is presented with caution, since it has not yet been objectively-tested in the natural environment, since no appropriate instrument has been developed.

affective reactions to classroom happenings, as well as the students' (Corey, 1973; McCandless, Castaneda, & Palermo, 1956; Trickett & Moos, 1973; Walberg, 1968b). A further result to come out of this area, where positive mood states are found to accrue from interpersonal interaction and teacher support, is that affective concern with the students as *people*, along with adequate content presentation, tends to increase the amount of material learned and retained.[29] Additionally, such classroom milieus were shown to induce feelings of security and interest in the students, indicating that these educational environments may promote personal risk-taking, which in turn, opens doors to other learning experiences which may not have otherwise been taken (Trickett & Moos, 1974). Conversely, there was found to be a pervasive mood of anger in students whose classrooms were characterized as being low in order, organization, and teacher involvement.

Clearly, these results indicate that the junior and senior high school instructor has a very real affect on the mood states of his/her charges. Such findings have very real and important implications for the future training of teachers and the devising of instructional methods. The mood affects of elementary school instructors, however, have not yet been determined since no state measure is currently

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[29]Further confirmation of the effects of mood on learning and retention has been provided by Bower (1981), who found that "recall" mood interacts with "learning" mood, thus indicating the presence of a mood state-dependent effect on memory processes.

available for that age group. It is hoped that an appropriate instrument may shortly be developed based on the research of the present investigation.

The last major area to be considered in this section is that of implications for clinical use. There is an extensive literature in the adult domain relating to mood states and fluctuations in psychiatric populations (e.g. see reference citations in Clyde, 1963; McNair, Lorr, & Droppleman, 1971b; Zuckerman & Lubin, 1965), as well as to the beneficial mood affects of clinical intervention (e.g. Haskell, Pugatch, & McNair, 1969; Lorr, McNair, & Weinstein, 1964; Lorr, McNair, Weinstein, Michaux, & Raskin, 1961; McNair & Lorr, 1964). Moreover, Zuckerman (1976) maintains that the daily assessment of mood states will solve the mystery of "disappearing admission symptoms" in psychiatric patients. As Rosenhan (1973) noted, "the insane are not always insane...they were sane for long periods of time...the bizarre behaviors {and cognitions} upon which their diagnoses were allegedly predicted constituted only a small fraction of their total behavior" (p. 254). Hence, by charting these behavior and mood fluctuations, the course of the disorder, as well as the affects of treatment and drugs on it, may be more clearly followed. And, if states are indeed more predictive of behavior than traits, then such assessment may eventually bring about the eradication of patient "labels" in favor of an emphasis on the ongoing states and behavior of the individual.

Just as this "mood charting" may be beneficial to "psychotic" and "neurotic" adults, such attention to state may also be salutary for children with psychological problems. Spielberger et al. (1973) maintain that his STAIC is a useful indicator of transitory anxiety in children who are receiving counseling, and a countercheck on the effectiveness of specific behavioral procedures such as desensitization and counter-conditioning. Likewise, Yarrow (1979) asserts that effective preventive or therapeutic intervention cannot be given unless attention is also paid to the multiple affects that situation and state have on the immediate outcome of intervention:

> We do not know a great deal about the kinds of preventive or therapeutic programs that are effective {for children}.... Research is needed in which theoretically meaningful interventions are attempted and their interactions with temperamental {mood state} characteristics are evaluated....Having indentified both the environmental conditions and the temperamental {mood} characteristics and the ways in which they interact, we may be able to provide effective preventive or therapeutic conditions that will neutralize, reverse, or mitigate the damaging effects. (p. 955)

It would appear then, that in order for these interventions to be maximally effective, attention must also be paid to the immediate, as well as the mean levels of affect in the child. The present investigation into pre-adolescent mood structure is but a first step towards this end. As we have seen from a perusal of the adolescent and adult domains, the area of child state is rich in research and practical potential, nonetheless, in order for this potential to be

realized, an adequately-designed mood instrument must first be constructed.

B. Suggestions for Further Research

The immediate need, if any of the above theoretical or practical implications are to be realized, is the development of a simple, yet valid, instrument based upon the factors found for pre-adolescent mood structure. As Fiske (1971) maintains, in order "to advance the science of personology, intensive effort must be devoted to each major construct, to delineating it explicitly and systematically, and to creating measuring procedures conforming to the blueprints derived from such a conceptualization. Once we have created, tested, and refined these measuring procedures, we can begin to carry out empirical studies of the theoretical propositions involving that construct" (p. 14).

The present investigation was concerned with the first step of explicit and systematic delineation of mood structure in pre-adolescents. The second step, then, must be one of instrument creation, testing, and refinement in order to allow for the empirical study of the constructs purported. Additionally, this step would fulfill a prime requirement of factor-analytic research--that of construct validation (Comrey, 1973). This is an important consideration if, indeed, the measure is intended to be used in providing evidence of state change in children, an area

that has been sorely neglected in the field of personality.

The ultimate test of any psychological discipline is the extent to which it increases our comprehension of human existence. The study of how children feel, how these moods are organized, and how their states affect behavior and cognition should be elemental to our goals of understanding humankind. If any further attention paid to childhood states augments our knowledge of people in general, then the present investigation may be considered at least a small contribution to a very important area of personology. As Edith Hamilton noted, "We differ in nothing more than in our capacity to feel... upon that degree the dignity and significance of each life depend." (cited in Wessman & Ricks, p. 251).

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APPENDIX

Table A

Word Frequency Counts for Selected Mood Adjectives

Legend

American Heritage (A H)

Grade 3 frequency per 5 million words/S F I

S F I = Standard Frequency Index for grades 3-9 combined

90 = once per 10 words
80 = once per 100 words
70 = once per 1,000 words
60 = once per 10,000 words
50 = once per 100,000 words
40 = once per 1 million words
30 = once per 10 million words
20 = once per 100 million words

For example:

"absent-minded" at 0/34 indicates that this word occurred in grade 3 zero times per 5 million words vs once every 6 million words for grades 3-9 combined.

Rinsland (R)

Underlined entries refer to items which are among the top 3,000 most commonly-used words for third-graders.

1 = occurrence within the first 1,000 words
2 = occurrence within the second 1,000 words
3 = occurrence within the third 1,000 words
a = placement within the upper 500 of those 1,000
b = placement within the lower 500 of those 1,000
1-5 = position within the first, second, third, fourth, or fifth 100 of the lettered group

For example:

"afraid" at 1 a5 indicates that this word occurs within the first 1,000 words, the first half of those 1,000, and in the fifth grouping of 100s (i.e., between numbers 400 and 499 of the most commonly-used third-grade words); "alive", on the other hand, at 3 a, indicates that this word falls within the upper 500 (a) of the third 1,000 most-used words (3).

All other entries refer to frequencies per 100,00 words, with some of these entries being modified by an additional number and letter. Such modifiers indicate the position of that word within the top 5,000 most frequently-used third-grade words.

For example:

"awful" at 78 indicates that this word occurs 78 times per 100,000, while "bashful" at 3 5b, signifies a word which occurs 3 times per 100,00, and which has a specific placement among the lower 5,000 of the most frequently-occurring words for third graders (i.e., between numbers 4500 and 4999).

Thorndike/Lorge (T L)

Frequency for grades 3-8 combined

1-900 = frequency of occurrence in 120 selected juvenile readings
MJ = frequency of greater than 900 in 120 selected juvenile readings
A = frequency of greater than 50 times per 1 million words
AA = frequency of greater than 100 times per 1 million words

Wepman/Hass (W H)

Spoken word count for seven year-old children

Number = frequency per 10,000 spoken words

Note. "No" indicates that a word was absent from the referenced source, while a blank entry denotes a phrase which was common to adult mood measures, but which was not included in any of the children's word corpora.

	A H	R	T L	W H
absent-minded	0/34	NO	3	NO
active	7/55	7 4b	A	NO
adaptable	0/35	NO	2	NO
adventurous	3/45	1	35	NO
affectionate	2/44	5 5a	56	NO
afraid	171/60	1 a5	AA	.75
aggressive	1/43	NO	12	NO
agitated	1/43	NO	34	NO
agreeable	0/44	0	AA	NO
alert	5/51	0	77	NO
alive	73/58	3 a	A	.39
all warm inside				
all wrong				
alone	146/62	1 b4	164	1.34
amazed	8/49	0	77	NO
ambitious	0/47	NO	40	NO
amused	3/47	3 b	113	NO
angry	116/58	3 a	A	NO
annoyed	3/46	0	40	NO
anxious	12/52	40 2a	213	NO
appreciative	0/38	36	8	NO
(like) arguing	1/46	0	37	NO
artistic	8/48	4	A	1.23
at peace				
at rest				
attentive	0/40	NO	52	NO
attractive	57/52	0	44	NO
awful	19/52	78	A	.66
awkward	2/50	5	56	NO
ashamed	6/48	6	245	.57
bad-tempered	1/38	NO	NO	NO
bashful	NO	3 5b	8	NO
big	999/70	1 a2	AA	2.25
(like) biting	66/49	7	130	.94
bitter	6/53	1	A	NO
blue	100+/63	1 b1	AA	.78
blustery	0/36	NO	23	NO
(like) boasting	0/42	NO	122	NO
bold	12/52	3	190	NO
bored	0/49	0	A	NO
bossy	2/38	NO	35	.85
bothered	6/47	2	70	NO
boxed-in	2/41	1	NO	NO

	A H	R	T L	W H
brave	58/57	2 b	A	.18
bubbly	0/37	NO	29	NO
bewildered	0/44	NO	81	NO
(like) a baby	288/61	216	AA	4.42
(like) a bad person				
calm	17/54	1	A	NO
capable	0/52	0	110	NO
carefree	3/44	NO	15	NO
careless	1/50	2	89	NO
cautious	6/49	0	56	NO
changeable	0/40	0	MJ	2.66
charming	9/50	0	106	NO
cheerful	12/52	11	137	NO
choosy	30/54	16	A	NO
civilized	2/47	0	81	NO
clean	118/60	1 a5	AA	.8
clear-headed	0/31	NO	NO	NO
clever	23/53	5	157	NO
clumsy	4/49	3	80	NO
cocky	1/31	NO	4	NO
companionable	0/34	1	2	NO
(like) complaining	0/45	0	200	NO
competitive	0/42	NO	1	NO
conceited	0/39	0	13	NO
confident	2/48	NO	47	NO
(like) conforming	0/40	NO	4	NO
confused	3/50	0	159	NO
conservative	1/43	NO	NO	NO
considerate	1/53	0	88	NO
contented	2/53	0	A	NO
contrary	2/50	0	210	NO
(like) I'm in control				
conventional	0/48	NO	21	NO
cool	99/59	2 a	AA	NO
cooperative	0/45	0	9	NO
courageous	4/47	0	A	NO
courteous	1/47	0	95	NO
cowardly	4/42	3	103	NO
critical	0/49	NO	23	NO
cross	70+/60	2 a	AA	.42
cruel	14/52	4	210	NO
(like) crying	45/54	64	AA	9.09
curious	40/55	1	A	.27
careful	50+/59	2 a	A	.29
(like) a cheat	1/40	2	48	NO
crummy				
daring	6/51	0	AA	NO

	A H	R	T L	W H
(like) daydreaming	4/42	NO	20	NO
defensive	0/43	NO	18	NO
definite	6/54	NO	38	NO
deliberate	2/45	NO	28	NO
delighted	14/52	3	A	NO
demanding	2/45	NO	MJ	NO
dependable	3/47	1	A	NO
dependent on others	3/53	NO	22	NO
depressed	0/43	NO	9	NO
desperate	2/50	0	AA	NO
destroyed	11/54	1	AA	NO
determined	4/56	0	A	NO
devoted	1/50	NO	A	NO
dignified	1/46	NO	26	NO
direct	13/56	0	AA	NO
discouraged	49/50	2	51	NO
disagreeable	0/41	0	50	NO
disorderly	0/37	NO	12	NO
discontented	2/39	NO	31	NO
disgusted	4/45	0	95	NO
displeased	0/39	0	37	NO
dissatisfied	1/44	0	5	NO
distractible	1/42	NO	5	NO
dirty	40/54	2 a	113	.50
dreamy	7/50	4	AA	.57
drowsy	1/50	1	36	NO
dubious	NO	NO	7	NO
dull	12/54	36	203	NO
dumb	9/47	1	188	NO
(like) dying	40/52	11	200	NO
disappointed	17/52	6	74	1.48
(like) disobeying	0/34	5	28	NO
disturbed	3/49	4	213	NO
eager	19/54	2	165	NO
easy-going	0/34	NO	NO	.61
eccentric	2/42	NO	9	NO
egotistical	NO	NO	0	NO
embarrassed	4/48	0	44	NO
emotional	10/52	NO	2	NO
energetic	50+/62	2	116	NO
enraged	0/42	NO	32	NO
enterprising	1/47	NO	94	NO
enthusiastic	5/50	0	98	NO
excited	50+/56	23	168	NO
fair-minded	NO	NO	NO	NO
fascinated	6/51	0	71	NO
fearful	3/51	15	142	NO

	A H	R	T L	W H
fed-up	NO	NO	NO	NO
fickle	0/36	NO	16	NO
fine	110+/63	1 a3	MJ	NO
fit	55+/59	27	AA	.79
(like) fighting	23/57	26	MJ	1.25
foolish	28/53	7	175	NO
forceful	27/56	0	AA	NO
forgetful	3/40	0	AA	2.41
forgiving	6/41	19	200	NO
forlorn	0/39	1	35	NO
formal	11/52	0	27	NO
frank (truthful)	0/40	0	130	NO
free	100+/61	24	MJ	NO
friendless	100+/62	450+	MJ	7.47
friendly	62/57	14	A	7.47
frightened	52/56	60	123	.14
full of pep	0/38	2	0	NO
furious	4/48	0	90	NO
fussy	2/41	0	10	NO
generous	2/50	0	199	NO
gentle	35/56	18	AA	NO
giggly	6/45	3	4	NO
glad	50+/59	1 a2	MJ	.84
gloomy	4/46	1	131	NO
(like) a good person				
good-looking	0/39	NO	3	NO
good-natured	2/46	NO	57	NO
good-tempered	1/36	NO	NO	NO
graceful	9/49	1	91	NO
greedy	12/45	5	58	NO
grim	2/49	NO	148	NO
grouchy	15/40	1	0	NO
grumpy	4/40	NO	NO	NO
(like) a grown-up	24/50	0	55	0
handsome/pretty	50+/54	1 a2	AA	6.26
happy	80+/61	1 a4	MJ	6.21
happy-go-lucky	0/33	NO	NO	0
hard-headed	0/37	NO	NO	0
hasty	8/49	0	62	NO
hate	10+/52	2b	A	0
headstrong	0/35	NO	10	NO
healthy	15+/53	3a	60	NO
helpful	24+/55	2	15	2.97
helpless	9/50	51	139	NO
honest	4/51	27	A	NO
hopeful	1/45	1 a2	MJ	NO
hopeless	3/47	1 a2	MJ	NO

	A H	R	T L	W H
hostile	1/47	1	87	NO
humorless	2/51	1	14	NO
hurried	77/56	13	87	.22
hurt	40+/59	1 a5	AA	2.64
(like) hitting	7/50	10	A	.46
(like) hurrying	21/50	3	AA	.22
imaginative	0/47	0	76	NO
immature	0/38	NO	2	NO
immodest	NO	NO	NO	NO
impatient	4/47	22	48	NO
important	275+/67	14	AA	NO
impulsive	0/31	NO	7	NO
independent	56/54	0	A	NO
indifferent	1/45	NO	57	NO
industrious	0/40	0	57	NO
informal	0/47	0	8	NO
insightful	1/46	NO	6	NO
intelligent	12/51	14	87	NO
intense	0/49	NO	86	NO
interested	38/59	22	AA	.54
inventive	0/38	2	5	NO
involved	66/56	NO	48	NO
irresponsible	0/31	NO	1	NO
irritated	0/42	NO	33	NO
ignored	1/48	NO	13	NO
isolated	2/49	NO	26	NO
jealous	0/44	7	76	NO
jittery	0/31	NO	NO	NO
(like) joking	12/51	2	77	NO
jolly	7/48	55	118	NO
joyful	2/45	0	AA	NO
jumpy	2/38	2 a	NO	7.01
(like) kicking	9/48	20	214	.24
kind	235+/66	1 a5	MJ	7.13
lazy	30/52	45	126	NO
leisurely	2/43	NO	47	NO
let-down	NO	NO	NO	NO
light-hearted	0/35	NO	15	NO
(like) I can do anything				
(like) I can do nothing right				
(like) no one cares about me				
(like) I'm loved				
likeable	0/32	0	1	10.31
liked	60+/60	1 a5	MJ	99.99+

	A H	R	T L	W H
lively	13/54	4	235	19.77
logical	2/50	NO	7	NO
lonely	38/55	16	180	NO
loud	118/58	49	A	NO
loving	4/47	61	A	3.07
low	80+/62	76	MJ	NO
lost	70+/62	1 b1	MJ	1.16
loyal	1/48	0	84	NO
lucky	58/55	24	65	NO
(like) laughing	30+/56	47	AA	.72
mad	31/54	132	A	7.0
mannerly	8/51	24	AA	NO
mature	0/48	NO	21	NO
mean	175+/64	77	MJ	5.31
meek	1/37	4	18	NO
merry	28/52	1 b1	A	NO
methodical	0/34	NO	13	NO
mild	5/53	5	134	NO
mischievous	0/42	3	44	NO
miserable	2/49	3	114	NO
mixed-up	3/33	NO	NO	NO
modest	3/48	0	165	NO
moody	17/54	0	12	NO
naive	0/38	NO	1	NO
nasty	2/44	14	29	NO
natural	55+/61	9	AA	NO
needed	140+/63	2 b	MJ	.97
nervous	46/54	6	83	NO
nice	136/58	1 a3	AA	7.18
noisy	34/53	2	92	1.5
normal	25/55	3	28	NO
nosy	NO	NO	NO	.52
obedient	3/44	8	40	NO
obliging	1/44	NO	6	NO
obnoxious	NO	NO	4	NO
observant	37/57	0	A	NO
offended	0/44	NO	123	NO
on top of the world				
okay	11/50	19	1	6.1
orderly	2/49	0	33	NO
organized	11/55	2	109	NO
original	10/59	1	164	NO
outgoing	0/39	NO	6	NO
outspoken	0/32	NO	3	NO
overjoyed	3/42	25	21	NO

	A H	R	T L	W H
overwhelmed	2/44	NO	44	NO
panicky	0/37	NO	0	NO
passive	0/40	NO	13	NO
patient	10/53	4	A	NO
peaceful	16/53	2	108	NO
peculiar	4/52	0	170	NO
perservering	2/38	NO	22	NO
persistent	4/47	NO	25	NO
planful	NO	NO	NO	NO
playful	6/47	20	39	18.3
pleasant	39+/57	16	AA	.4
pleased	45/55	2 b	MJ	.2
poised	5/44	NO	37	NO
polished	9/52	4	122	NO
polite	15/50	37	100	.4
powerful	31/57	0	A	NO
(like) playing	NO	NO	MJ	18.3
popular	11/58	3	121	NO
practical	6/54	1	A	NO
precise	2/51	0	10	NO
prejudiced	0/42	NO	22	NO
preoccupied	0/38	NO	8	NO
(like) I'm progressing	10/56	23	A	NO
proper	23/58	1	AA	NO
proud	78/58	2 a	A	NO
(like) a prude	NO	NO	NO	NO
puzzled	24/52	1	173	NO
peppy	NO	NO	NO	NO
(like) quarreling	5/44	0	A	NO
quick	45+/59	2 b	A	NO
quiet	136/60	2 b	A	1.1
(like) quitting	11/50	2 b	225	.7
ready	133+/64	1 a5	AA	3.9
ready to fight				
real	80+/62	1 b4	MJ	19.3
realistic	0/44	NO	2	NO
reasonable	0/50	NO	53	.9
rebellious	1/45	NO	64	NO
reckless	1/42	1	63	NO
refreshed	0/40	NO	57	NO
regretful	2/48	2	75	NO
rejected	1/45	NO	35	NO
reliable	4/47	0	8	NO
resentful	1/41	NO	8	NO
reserved	1/46	0	10	NO

	A H	R	T L	W H
resourceful	0/37	NO	8	NO
responsible	48/53	0	66	NO
rested	15/52	7	MJ	1.4
restless	2/50	NO	93	1.4
restrained	1/40	0	48	NO
rigid	1/49	NO	30	NO
robust	1/39	NO	20	NO
rough	31/57	2 b	A	NO
rude	3/47	4	214	NO
(like) a rowdy	0/36	NO	0	NO
sad	99/57	2 b	A	3.2
safe	108/59	2 b	AA	NO
sarcastic	0/39	NO	9	NO
satisfied	13/54	8	131	NO
scared	32/54	2 b	167	7.6
secure	37/51	0	A	NO
self-centered	0/37	NO	NO	NO
self-controlled	0/31	NO	20	NO
self-conscious	0/43	NO	7	NO
selfish	1/46	6	54	NO
sensitive	17/51	NO	83	NO
serious	19/57	1	A	NO
sassy	5/38	NO	NO	NO
shaky	2/44	1	15	NO
sharp	50/60	2 b	A	.8
(like) showing-off	1/37	NO	NO	NO
shrewd	0/40	NO	46	NO
shy	11/52	2	105	NO
silent	100+/57	9	A	NO
silly	60/54	20	16	.4
sincere	0/41	0	120	NO
sleepy	29/52	24	78	15+
slow	63/58	2 a	A	NO
sluggish	0/38	NO	22	NO
sly	4/44	4	58	NO
small	460+/68	1 b1	MJ	2.7
smart	32/52	35	A	.6
(like) smiling	24/53	1	AA	NO
(like) singing	70+/57	1 b5	AA	NO
smug	1/32	NO	2	NO
(like) a snob	NO	NO	1	NO
sociable	0/38	NO	22	NO
soft-hearted	NO	NO	NO	NO
soothed	0/39	NO	62	NO
sophisticated	1/45	NO	0	NO
sorry	71/56	1 b2	A	.7

	A H	R	T L	w H
sorrow	6/49	0	A	NO
spiteful	16/55	0	A	NO
spunky	0/37	NO	NO	NO
steady	20/56	1	A	NO
stern	6/51	2	180	NO
still	400+/68	1 a5	MJ	5.46
stingy	0/38	0	12	NO
strange	88+/61	2 b	AA	2.72
strong	158+/63	2 a	MJ	.55
stubborn	10/47	2	24	NO
successful	14/56	3	A	NO
(like) I'm suffering	2/50	1	102	NO
sunk	1/49	3	57	NO
super	1/44	NO	NO	NO
sure	215+/66	1 a3	MJ	1.59
suspicious	1/47	NO	69	NO
surprised	98/58	2 a	AA	2.82
stupid	18/50	1	132	.21
(like) talking	64+/61	2 a	MJ	8.5
tame	5/50	27	144	NO
temperamental	5/40	NO	NO	NO
(like) losing my temper	5/50	3	180	NO
tender	9/52	10	A	NO
tense	2/53	NO	20	NO
terrible	37+/56	13	A	1.13
thankful	19/45	27	39	NO
terrified	8/48	1	83	NO
thoughtful	3/50	2	MJ	8.44
thrifty	2/42	1	27	NO
timid	1/45	1	84	NO
tired	52+/59	1 b4	AA	1.88
tolerant	1/42	NO	9	NO
tormented	0/40	NO	76	NO
touchy	0/36	NO	4	NO
tough	22/55	6	21	NO
trapped	11/51	4	245	.60
troubled	11/50	2 b	AA	1.01
trusted	2/47	6	AA	NO
trusting	0/42	6	AA	NO
truthful	2/40	7	AA	NO
terrific	55/46	0	49	NO
ugly	51/53	22	153	NO
uncooperative	NO	NO	NO	NO
undependable	0/31	NO	NO	NO
understanding	6/57	0	A	.66

	A H	R	T L	W H
undisciplined	0/31	NO	NO	NO
uneasy	5/47	0	74	NO
unemotional	0/31	NO	NO	NO
uncertain	4/48	3	92	NO
unfriendly	3/47	2	14	NO
unhappy	31/54	8	177	NO
unkind	4/45	0	16	NO
unreal	0/36	NO	5	NO
uninterested	0/34	NO	51	NO
upset	18/52	8	55	NO
useless	9/52	0	114	4.5
vague	0/47	NO	68	NO
vigorous	2/49	0	82	NO
very open				
wanted	190+/65	1 a3	MJ	19+
(like) working	80+/62	1 b3	MJ	14+
warmhearted	1/31	NO	NO	NO
all wound-up				
weak	20/57	10	A	NO
weary	12/52	0	171	NO
(like) whining	1/40	1	52	NO
wholesome	0/43	8	52	NO
wide-awake	2/39	NO	6	NO
wild	7/62	1 b5	AA	.97
wise	30+/56	56	AA	NO
withdrawn	1/42	0	58	NO
willful	0/31	NO	19	NO
witty	0/36	NO	15	NO
worthwhile	0/45	NO	1	NO
wonderful	106/57	2 a	AA	NO
worn-out	2/39	NO	14	NO
worried	31/54	4	A	1.01
worthless	1/45	2	30	NO
(like) yelling	15/49	8	87	.21
zany	NO	NO	NO	NO

Phase 1

WORD RECALL TEST

Instructions read to the children for both Form A and Form B:

Hello, my name is Kar-La, and I go to school just as you do, only I go to the University.

The reason I'm here today is because I'm interested in finding out a few things about 3rd grade students. And, in order to learn about these things, I've made up a short test for you to take. I'll just pass these sheets out now, and then I'll explain what I'd like you to do.

When you receive a test please write your name on it, and circle the number giving your correct age. Also be sure to circle whether you're a boy or a girl....

Have you all finished? Good. Now when you look at the test you'll see a list of words numbered from 1 to 57. We are going to work through this list together.

I'll first read out the number, and then the word which follows it. What I would like you to do, is to write down two words which could describe feelings or moods you might have that are related to the word.

For example, when I look at the word "glad", I think of the words "happy" and "smiling", because if I were glad about something, then I'd be happy and I'd feel like smiling. So that's why I wrote those two feelings down after the word "glad".

Do you have any questions about what we'll be doing?...

If you don't know what a word means, then please leave it blank.

Okay, then we'll start with the first word, and you'll have ½ minute to write down the two feelings which you think are related to it.

Number 1... Please write down two feeling words which you think are related to the word...

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Name:

Age: 7, 7½, 8, 8½, 9 years (CIRCLE ONE) Form A

Girl or Boy (CIRCLE ONE)

Phase 1

WORD RECALL TEST

Example: GLAD HAPPY, SMILING

1. AFRAID
2. ANGRY
3. ASHAMED
4. BASHFUL
5. BORED
6. BRAVE
7. CAPABLE
8. COCKY
9. CRUEL
10. CRUMMY
11. DISTURBED
12. ENERGETIC
13. FEARFUL
14. FINE
15. FORCEFUL
16. FORGETFUL
17. FURIOUS
18. GIVE-UP
19. GLOOMY
20. GREEDY
21. GRIM
22. GRUMPY
23. HAPPY
24. HELPFUL
25. HITTING
26. HOPEFUL
27. IMPORTANT
28. INTERESTED
29. JOYFUL
30. KIND
31. LAZY
32. LONELY
33. MEAN

Note. This form was reduced for binding purposes from the legal size (8½" by 14") which was presented to the children.

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34. MODEST _____
35. NERVOUS _____
36. OKAY _____
37. PLAYFUL _____
38. UNREAL _____
39. PROUD _____
40. PUZZLED _____
41. QUIET _____
42. SAD _____
43. SASSY _____
44. SHY _____
45. SMILING _____
46. SORROW _____
47. STINGY _____
48. STUBBORN _____
49. TALKING _____
50. TERRIBLE _____
51. TIRED _____
52. TRAPPED _____
53. UNFRIENDLY _____
54. UNEASY _____
55. WANTED _____
56. WAITING _____
57. WONDERFUL _____

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Form B

Name:

Age: 7, 7½, 8, 8½, 9 years (circle one)

Phase 1

Boy or Girl (circle one)

WORD RECALL TEST

Example: GLAD HAPPY, SMILING

1. ACTIVE _____
2. ALERT _____
3. ANXIOUS _____
4. JUST AWFUL _____
5. "BLUE" _____
6. BOSSY _____
7. CALM _____
8. CHEERFUL _____
9. CONFUSED _____
10. COOPERATIVE _____
11. COURTEOUS _____
12. DISAPPOINTED _____
13. EXCITED _____
14. FED-UP _____
15. FIGHTING _____
16. FORGIVING _____
17. FIT _____
18. FRIENDLY _____
19. GENEROUS _____
20. GIGGLY _____
21. EAGER _____
22. GROUCHY _____
23. HANDSOME/PRETTY _____
24. HELPLESS _____
25. HONEST _____
26. IGNORED _____
27. INDEPENDENT _____
28. JEALOUS _____
29. JUMPY _____
30. KICKING _____
31. LAUGHING _____
32. LIKED _____
33. LUCKY _____

Note. This form was reduced for binding purposes from the legal size (8½" by 14") which was presented to the children.

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34. MISERABLE _____
35. NEEDED _____
36. NOISY _____
37. POLITE _____
38. POWERFUL _____
39. PEPPY _____
40. QUARRELING _____
41. RUDE _____
42. SAFE _____
43. SMART _____
44. SINGING _____
45. STRANGE _____
46. STRONG _____
47. SUCCESSFUL _____
48. TOUCHY _____
49. BAD-TEMPERED _____
50. TROUBLED _____
51. TRUSTING _____
52. UNCERTAIN _____
53. UNKIND _____
54. USELESS _____
55. WEARY _____
56. WORRIED _____
57. WITTY _____

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Parental Permission Slip

DEPARTMENT OF PSYCHOLOGY

THE UNIVERSITY OF ALBERTA
EDMONTON, ALBERTA
T6G 2E9

November 2, 1979

Dear Parents:

My name is Kar-La' Schokman-Gates, and I am a graduate student at the University of Alberta working under the direction of Dr. E. Howarth (Professor, U. of A., Department of Psychology). My purpose in contacting you is to ask for permission to involve your child in a brief classroom study. This study will consist of a 20-30 minute activity wherein the students will be asked to decide whether or not they feel in a particular mood at that time. Each child will respond with a checkmark in either the "yes" or "no" column, to 60 mood adjectives printed on a confidential answer sheet which is to be computer scored. An example of a mood adjective phrase is: "Do you feel happy right now?__yes __no."

The information gathered from this session will be used to help determine the general mood patterns of children aged 7 to 12. Delineating such states will greatly increase our knowledge of how feelings affect the behaviors of school-age children.

This research endeavor has been approved by the Edmonton Public School Board and the University of Alberta Department of Psychology. All responses made by the children will be kept in the strictest confidence. If you have any questions, please contact me at 432-5274 (days) or 462-0094 (evenings). Your cooperation in this project is greatly appreciated.

Please sign the bottom of this page and have your child return it at your earliest convenience.

I,_____, agree to have my child,_____, participate in the above-noted research.

I,_____, do not agree to have my child, _____, participate in the above-noted research.

Thank you very much for your time
and consideration!

K. Schokman-Gates

Note. Due to binding requirements, this slip was reduced from the original yellow 8½" by 11" format.

Phase Two Form Instructions

Hello, my name is Kar-La', and I go to school just as you do, only I go to the University.

The reason why I'm here today is because I'm interested in finding out a few things about elementary school children, and, in order to learn about these things, I've made up a questionnaire for you to fill out. I'll just pass these sheets out now, and then I'll explain what I'd like you to do.

When you receive a questionnaire, please write your name on the top of the separate answer sheet; the one that looks like this. Also be sure to put down your age and whether you're a girl or a boy....

Have you all finished writing down your name, age, and sex? Good.

Now look at the instructions at the top of the orange questionnaire. The instructions say: "On this page are some statements which girls and boys often use to describe how they feel. These statements are numbered, and there is one statement on each line...." Look at statement 1 on this page. It says "Right now I feel good..... Yes____ No____". Now look at the #1 on your answer sheet. If you feel good right now, please fill in the "Y" or "Yes" box next to this number just as I am doing on this example sheet. If your answer is "No", then fill in this "N" box. Do you understand how to mark your answer? Good.

Now go to statement 2 and do the same thing. Continue going through each statement by reading it silently to yourself and then marking either the Y ("Yes") box or the N ("No") box. We want your true feelings, so mark the first answer you think of after reading each statement.

You may now begin.

After 7 minutes say:

Almost everyone has now started on page 2 (or 3 or 4). If you are not on page 2 (or 3 or 4) yet, please try to work a little faster.

At end of test say:

Now please look back over your answer sheet to make sure that you have answered every statement. Also, make sure that your age and sex are marked on the answer sheet.

Do not write on this form _____

INSTRUCTIONS: On this page are some statements which girls and boys often use to describe how they feel. These statements are numbered, and there is one statement on each line. Please read each statement carefully, and decide whether you feel that way right now. We want your true feelings, so mark the first answer you think of after reading each statement. An answer sheet is provided inside this form.

_____

1. Right now I feel good.- - - - - - - - - - - - - - - - Yes___ No___
2. Right now I feel active.- - - - - - - - - - - - - - - Yes___ No___
3. Right now I feel afraid.- - - - - - - - - - - - - - - Yes___ No___
4. Right now I feel angry.- - - - - - - - - - - - - - - - Yes___ No___
5. Right now I feel ashamed.- - - - - - - - - - - - - - - Yes___ No___
6. Right now I feel awful.- - - - - - - - - - - - - - - - Yes___ No___
7. Right now I feel bashful.- - - - - - - - - - - - - - - Yes___ No___
8. Right now I feel "blue".- - - - - - - - - - - - - - - Yes___ No___
9. Right now I feel bored.- - - - - - - - - - - - - - - - Yes___ No___
10. Right now I feel bossy.- - - - - - - - - - - - - - - - Yes___ No___
11. Right now I feel brave.- - - - - - - - - - - - - - - - Yes___ No___
12. Right now I feel calm.- - - - - - - - - - - - - - - - Yes___ No___
13. Right now I feel cheerful.- - - - - - - - - - - - - - Yes___ No___
14. Right now I feel confused.- - - - - - - - - - - - - - Yes___ No___
15. Right now I feel cooperative.- - - - - - - - - - - - Yes___ No___
16. Right now I feel like crying.- - - - - - - - - - - - Yes___ No___
17. Right now I feel cruel.- - - - - - - - - - - - - - - - Yes___ No___
18. Right now I feel disappointed.- - - - - - - - - - - - Yes___ No___
19. Right now I feel disturbed.- - - - - - - - - - - - - - Yes___ No___
20. Right now I feel dumb.- - - - - - - - - - - - - - - - Yes___ No___

GO NOW TO THE TOP OF PAGE 2

Note. Due to binding requirements, this form was reduced from the original orange 8" by 11" format.

Start here and continue to the end of this page

21. Right now I feel embarrassed.- - - - - - - - - - - - Yes___ No___

22. Right now I feel excited.- - - - - - - - - - - - - - Yes___ No___

23. Right now I feel fed-up.- - - - - - - - - - - - - - Yes___ No___

24. Right now I feel like fighting.- - - - - - - - - - Yes___ No___

25. Right now I feel fine.- - - - - - - - - - - - - - - Yes___ No___

26. Right now I feel friendly.- - - - - - - - - - - - - Yes___ No___

27. Right now I feel furious.- - - - - - - - - - - - - Yes___ No___

28. Right now I feel giggly.- - - - - - - - - - - - - - Yes___ No___

29. Right now I feel like giving-up.- - - - - - - - - - Yes___ No___

30. Right now I feel glad.- - - - - - - - - - - - - - - Yes___ No___

31. Right now I feel great.- - - - - - - - - - - - - - Yes___ No___

32. Right now I feel grouchy.- - - - - - - - - - - - - Yes___ No___

33. Right now I feel grumpy.- - - - - - - - - - - - - - Yes___ No___

34. Right now I feel handsome/pretty.- - - - - - - - - Yes___ No___

35. Right now I feel happy.- - - - - - - - - - - - - - Yes___ No___

36. Right now I feel helpful.- - - - - - - - - - - - - Yes___ No___

37. Right now I feel like hitting.- - - - - - - - - - - Yes___ No___

38. Right now I feel ignored.- - - - - - - - - - - - - Yes___ No___

39. Right now I feel joyful.- - - - - - - - - - - - - - Yes___ No___

40. Right now I feel jealous.- - - - - - - - - - - - - Yes___ No___

GO NOW TO THE TOP OF PAGE 3

Start here and continue to the end of this page

41. Right now I feel jumpy.- - - - - - - - - - - - - - - - - Yes___ No___

42. Right now I feel like kicking.- - - - - - - - - - - - - Yes___ No___

43. Right now I feel kind.- - - - - - - - - - - - - - - - - Yes___ No___

44. Right now I feel like laughing.- - - - - - - - - - - - Yes___ No___

45. Right now I feel lazy.- - - - - - - - - - - - - - - - - Yes___ No___

46. Right now I feel liked.- - - - - - - - - - - - - - - - Yes___ No___

47. Right now I feel lonely.- - - - - - - - - - - - - - - - Yes___ No___

48. Right now I feel lucky.- - - - - - - - - - - - - - - - Yes___ No___

49. Right now I feel mean.- - - - - - - - - - - - - - - - - Yes___ No___

50. Right now I feel miserable.- - - - - - - - - - - - - - Yes___ No___

51. Right now I feel mixed-up.- - - - - - - - - - - - - - - Yes___ No___

52. Right now I feel needed.- - - - - - - - - - - - - - - - Yes___ No___

53. Right now I feel nervous.- - - - - - - - - - - - - - - Yes___ No___

54. Right now I feel okay.- - - - - - - - - - - - - - - - - Yes___ No___

55. Right now I feel playful.- - - - - - - - - - - - - - - Yes___ No___

56. Right now I feel polite.- - - - - - - - - - - - - - - - Yes___ No___

57. Right now I feel powerful.- - - - - - - - - - - - - - - Yes___ No___

58. Right now I feel proud.- - - - - - - - - - - - - - - - Yes___ No___

59. Right now I feel rotten.- - - - - - - - - - - - - - - - Yes___ No___

60. Right now I feel rude.- - - - - - - - - - - - - - - - - Yes___ No___

GO NOW TO THE TOP OF PAGE 4

Start here and continue to the end of this page

61. Right now I feel sad.- - - - - - - - - - - - - - - - - - Yes___ No___

62. Right now I feel sassy.- - - - - - - - - - - - - - - - - Yes___ No___

63. Right now I feel shy.- - - - - - - - - - - - - - - - - - Yes___ No___

64. Right now I feel like smiling.- - - - - - - - - - - - - Yes___ No___

65. Right now I feel strange.- - - - - - - - - - - - - - - - Yes___ No___

66. Right now I feel strong.- - - - - - - - - - - - - - - - Yes___ No___

67. Right now I feel bad-tempered.- - - - - - - - - - - - - Yes___ No___

68. Right now I feel terrible.- - - - - - - - - - - - - - - Yes___ No___

69. Right now I feel tired.- - - - - - - - - - - - - - - - - Yes___ No___

70. Right now I feel tough.- - - - - - - - - - - - - - - - - Yes___ No___

71. Right now I feel trapped.- - - - - - - - - - - - - - - - Yes___ No___

72. Right now I feel unfriendly.- - - - - - - - - - - - - - Yes___ No___

73. Right now I feel unkind.- - - - - - - - - - - - - - - - Yes___ No___

74. Right now I feel unwanted.- - - - - - - - - - - - - - - Yes___ No___

75. Right now I feel upset.- - - - - - - - - - - - - - - - - Yes___ No___

76. Right now I feel weak.- - - - - - - - - - - - - - - - - Yes___ No___

77. Right now I feel weird.- - - - - - - - - - - - - - - - - Yes___ No___

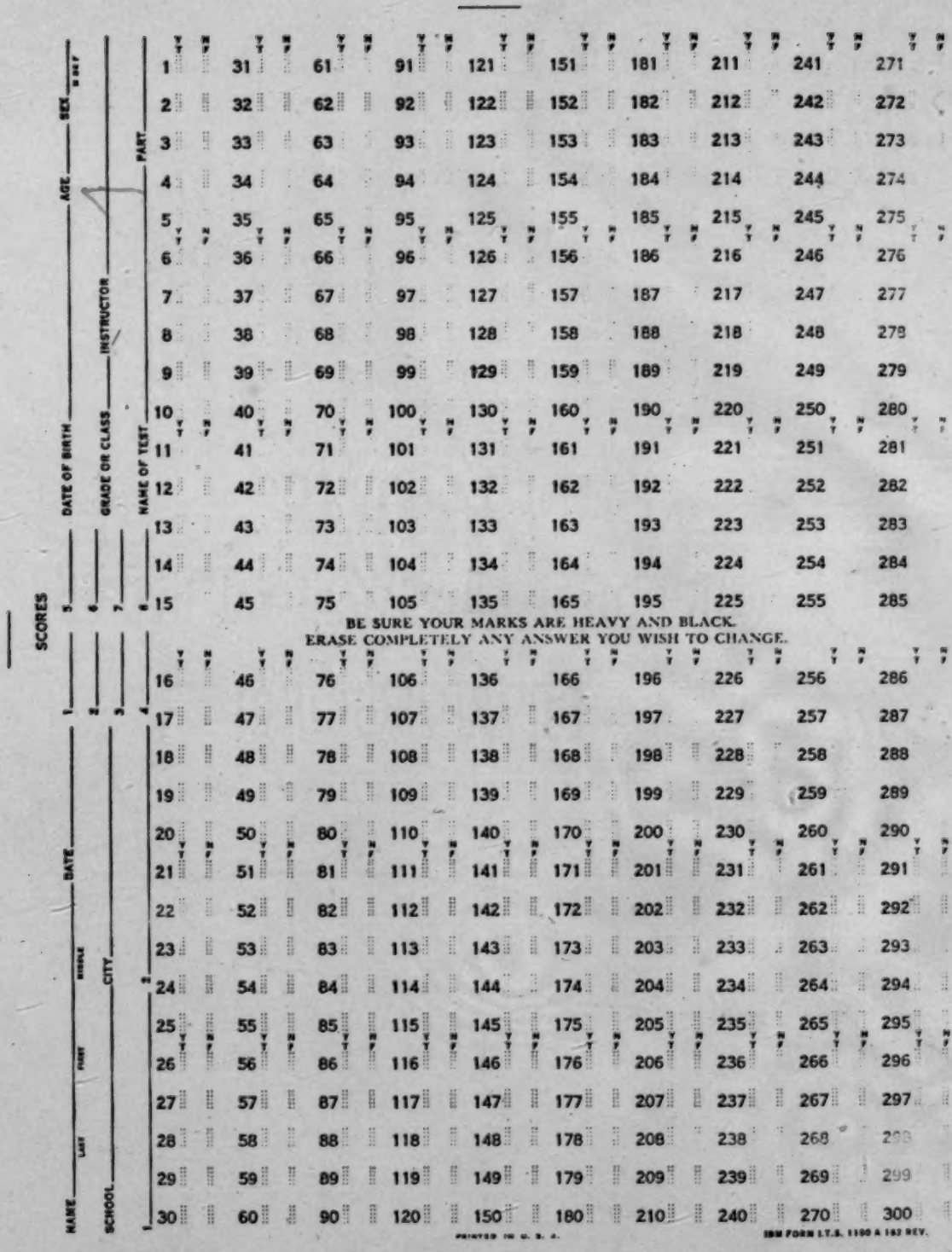
78. Right now I feel like whining.- - - - - - - - - - - - - Yes___ No___

79. Right now I feel worried.- - - - - - - - - - - - - - - - Yes___ No___

80. Right now I feel worthless.- - - - - - - - - - - - - - - Yes___ No___

81. Right now I feel wonderful.- - - - - - - - - - - - - - - Yes___ No___

STOP



1	31	61	91	121	151	181	211	241	271
2	32	62	92	122	152	182	212	242	272
3	33	63	93	123	153	183	213	243	273
4	34	64	94	124	154	184	214	244	274
5	35	65	95	125	155	185	215	245	275
6	36	66	96	126	156	186	216	246	276
7	37	67	97	127	157	187	217	247	277
8	38	68	98	128	158	188	218	248	278
9	39	69	99	129	159	189	219	249	279
10	40	70	100	130	160	190	220	250	280
11	41	71	101	131	161	191	221	251	281
12	42	72	102	132	162	192	222	252	282
13	43	73	103	133	163	193	223	253	283
14	44	74	104	134	164	194	224	254	284
15	45	75	105	135	165	195	225	255	285
16	46	76	106	136	166	196	226	256	286
17	47	77	107	137	167	197	227	257	287
18	48	78	108	138	168	198	228	258	288
19	49	79	109	139	169	199	229	259	289
20	50	80	110	140	170	200	230	260	290
21	51	81	111	141	171	201	231	261	291
22	52	82	112	142	172	202	232	262	292
23	53	83	113	143	173	203	233	263	293
24	54	84	114	144	174	204	234	264	294
25	55	85	115	145	175	205	235	265	295
26	56	86	116	146	176	206	236	266	296
27	57	87	117	147	177	207	237	267	297
28	58	88	118	148	178	208	238	268	298
29	59	89	119	149	179	209	239	269	299
30	60	90	120	150	180	210	240	270	300

Note. Due to binding requirements, this sheet was reduced from the original 8½" by 11" format.

Response Example Sheet

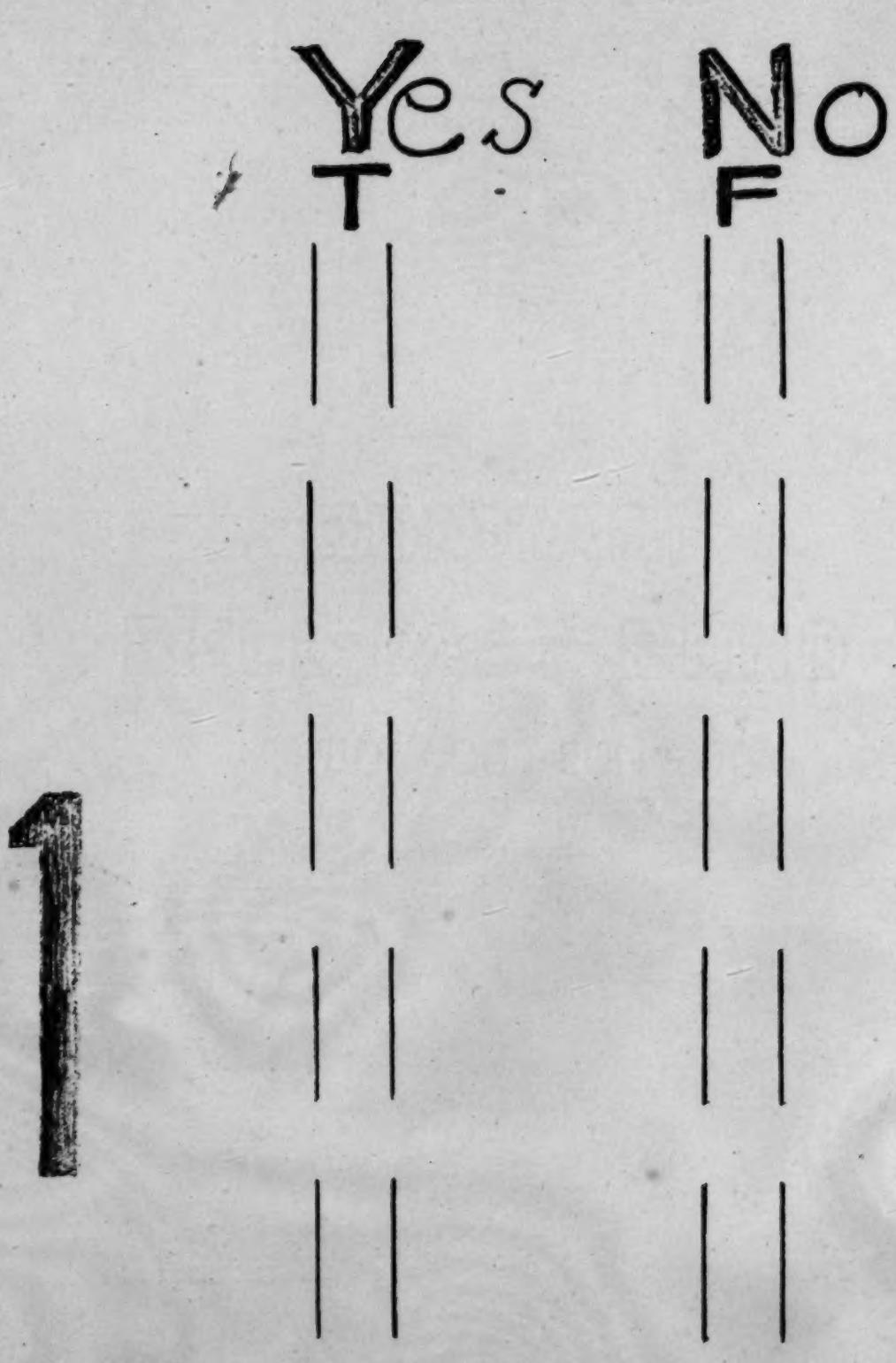


Table B

MOOD FACTOR: SURGENCY

Grades 3 & 4-Females — Factor 2		
Eigenvalue = 5.72		
% of Variance = 7.1		
Var #	Name	Loading
1	good	.48
13	cheerful	.57
14	confused	-.42
24	like fighting	-.37
25	fine	.54
30	glad	.40
31	great	.48
32	grouchy	-.43
35	happy	.57
39	joyful	.51
43	kind	.58
46	liked	.40
50	miserable	-.52
54	okay	.49
59	rotten	-.54
61	sad	-.41
64	like smiling	.48
81	wonderful	.53

Grades 3 & 4-Males — Factor 1		
Eigenvalue = 13.11		
% of Variance = 16.2		
Var #	Name	Loading
1	good	.68
13	cheerful	.60
22	excited	.37
23	fed-up	-.52
25	fine	.50
26	friendly	.56
29	like giving-up	-.44
30	glad	.79
31	great	.74
33	grumpy	-.40
35	happy	.77
36	helpful	.48
39	joyful	.69
43	kind	.65
46	liked	.38
48	lucky	.41
50	miserable	-.36
58	proud	.36
64	like smiling	.49
67	bad-tempered	-.44
81	wonderful	.63

Grades 5 & 6-Females — Factor 1		
Eigenvalue = 15.08		
% of Variance = 18.6		
Var #	Name	Loading
1	good	.43
2	active	.42
13	cheerful	.47
22	excited	.46
30	glad	.45
31	great	.52
34	handsome/pretty	.46
35	happy	.53
36	helpful	.55
39	joyful	.68
43	kind	.52
44	like laughing	.44
45	lazy	-.41
48	lucky	.50
54	okay	.46
55	playful	.58
56	polite	.46
57	powerful	.36
58	proud	.72
59	rotten	-.49
64	like smiling	.64
69	tired	-.36
81	wonderful	.66

Grades 5 & 6-Males — Factor 1		
Eigenvalue = 13.09		
% of Variance = 16.2		
Var #	Name	Loading
1	good	.40
13	cheerful	.45
25	fine	.44
26	friendly	.44
28	giggly	.37
30	glad	.59
31	great	.55
33	grumpy	-.51
35	happy	.68
36	helpful	.56
39	joyful	.70
43	kind	.62
44	like laughing	.46
46	liked	.39
48	lucky	.52
50	miserable	-.46
52	needed	.40
55	playful	.42
56	polite	.57
58	proud	.44
64	like smiling	.69
67	bad-tempered	-.38
81	wonderful	.45

Table C

MOOD FACTOR: SADNESS

Grades 3 & 4-Females — Factor 1		
Eigenvalue = 13.51		
% of Variance = 16.7		
Var #	Name	Loading
6	awful	.46
18	disappointed	.37
19	disturbed	.41
47	lonely	.50
51	mixed-up	.55
53	nervous	.48
59	rotten	.47
61	sad	.53
63	shy	.56
65	strange	.41
67	bad-tempered	.45
68	terrible	.67
69	tired	.37
71	trapped	.55
72	unfriendly	.54
73	unkind	.47
74	unwanted	.64
75	upset	.53
76	weak	.45
79	worried	.63

Grades 3 & 4-Males — Factor 3		
Eigenvalue = 3.52		
% of Variance = 4.3		
Var #	Name	Loading
5	ashamed	.36
14	confused	.51
16	like crying	.50
18	disappointed	.53
20	dumb	.43
29	like giving-up	.37
40	jealous	.41
50	miserable	.42
68	terrible	.35
69	tired	.36
74	unwanted	.40
75	upset	.35
78	like whining	.46
80	worthless	.44

Grades 5 & 6-Females — Factor 2		
Eigenvalue = 6.74		
% of Variance = 8.3		
Var #	Name	Loading
6	awful	.35
12	calm	.40
15	cooperative	-.39
18	disappointed	.40
19	disturbed	.56
23	fed-up	.51
29	like giving-up	.59
30	glad	-.48
32	grouchy	.71
33	grumpy	.46
38	ignored	.38
42	like kicking	.44
47	lonely	.38
50	miserable	.35
59	rotten	.44
61	sad	.42
67	bad-tempered	.44
68	terrible	.63
71	trapped	.53
74	unwanted	.57
75	upset	.72
80	worthless	.58

Grades 5 & 6-Males — Factor 3		
Eigenvalue = 4.83		
% of Variance = 6.0		
Var #	Name	Loading
16	like crying	.42
18	disappointed	.40
38	ignored	.56
47	lonely	.57
50	miserable	.38
51	mixed-up	.39
59	rotten	.50
61	sad	.76
68	terrible	.52
71	trapped	.36
74	unwanted	.67
75	upset	.69
80	worthless	.59
81	wonderful	-.41

Table D

MOOD FACTOR: AGGRESSION

Grades 3 & 4-Females — Factor 3

Eigenvalue = 3.08

% of Variance = 3.8

Var #	Name	Loading
3	afraid	.38
16	like crying	.40
23	fed-up	.36
24	like fighting	.37
26	friendly	-.67
29	like giving-up	.35
30	glad	-.50
33	grumpy	.38
35	happy	-.47
37	like hitting	.66
42	like kicking	.70
43	kind	-.41
49	mean	.70
50	miserable	.41
56	polite	-.43
67	bad-tempered	.58
72	unfriendly	.48

Grades 3 & 4-Males — Factor 2

Eigenvalue = 5.80

% of Variance = 7.2

Var #	Name	Loading
4	angry	.48
10	bossy	.57
17	cruel	.50
19	disturbed	.36
24	like fighting	.38
25	fine	-.35
27	furious	.60
32	grouchy	.43
33	grumpy	.36
37	like hitting	.58
49	mean	.68
54	okay	-.46
56	polite	-.39
59	rotten	.47
60	rude	.59
70	tough	.36
72	unfriendly	.54
73	unkind	.55

Grades 5 & 6-Females — Factor 3

Eigenvalue = 2.97

% of Variance = 3.7

Var #	Name	Loading
10	bossy	.49
17	cruel	.57
23	fed-up	.41
24	like fighting	.52
27	furious	.50
33	grumpy	.57
37	like hitting	.44
49	mean	.54
60	rude	.62
62	sassy	.75
65	strange	.42
67	bad-tempered	.37
70	tough	.39
72	unfriendly	.68
73	unkind	.58
77	weird	.44

Grades 5 & 6-Males — Factor 2

Eigenvalue = 5.57

% of Variance = 6.9

Var #	Name	Loading
6	awful	.37
10	bossy	.58
12	calm	-.43
16	like crying	.35
17	cruel	.54
20	dumb	.43
24	like fighting	.54
26	friendly	-.46
27	furious	.59
28	giggly	.35
32	grouchy	.42
37	like hitting	.45
42	like kicking	.41
49	mean	.43
59	rotten	.38
60	rude	.52
62	sassy	.48
67	bad-tempered	.54
72	unfriendly	.46
73	unkind	.67

Table E

MOOD FACTOR: FRUSTRATION/EMBARRASSMENT

Grades 3 & 4-Females Factor 5			Grades 3 & 4-Males Factor 4			Grades 5 & 6-Females Factor 4			Grades 5 & 6-Males Factor 6		
Eigenvalue = 2.67			Eigenvalue = 2.87			Eigenvalue = 3.75			Eigenvalue = 2.32		
% of Variance = 3.3			% of Variance = 3.5			% of Variance = 4.6			% of Variance = 2.9		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
5	ashamed	.39	3	afraid	.53	3	afraid	.54	4	angry	.41
6	awful	.39	21	embarrassed	.38	5	ashamed	.54	5	ashamed	.44
7	bashful	.36	47	lonely	.51	8	blue	.40	13	cheerful	-.42
12	calm	-.42	61	sad	.55	14	confused	.57	14	confused	.49
15	cooperative	-.66	63	shy	.63	18	disappointed	.50	15	cooperative	-.44
29	like giving-up	.44	65	strange	.42	20	dumb	.39	23	fed-up	.59
33	grumpy	.35	71	trapped	.48	21	embarrassed	.41	25	fine	-.42
60	rude	.39	73	unkind	.46	51	mixed-up	.41	31	great	-.38
78	like whining	.58	74	unwanted	.52	53	nervous	.53	54	okay	-.43
80	worthless	.36	75	upset	.53	65	strange	.45			
			79	worried	.49	69	tired	.42			
						74	unwanted	.46			
						76	weak	.36			
						79	worried	.52			

Table F

MOOD FACTOR: MASTERY/SELF-ESTEEM

Grades 3 & 4-Females — Factor 6

Eigenvalue = 2.33

% of Variance = 2.9

Var #	Name	Loading
7	bashful	.39
11	brave	.53
39	joyful	.38
48	lucky	.66
57	powerful	.50
58	proud	.54
66	strong	.52
76	weak	-.35

Grades 3 & 4-Males — Factor 5

Eigenvalue = 2.27

% of Variance = 2.8

Var #	Name	Loading
2	active	.36
11	brave	.48
34	handsome/pretty	.51
48	lucky	.44
52	needed	.35
55	playful	.49
57	powerful	.66
58	proud	.48
66	strong	.71
70	tough	.44

Grades 5 & 6-Females — Factor 5

Eigenvalue = 2.53

% of Variance = 3.1

Var #	Name	Loading
7	bashful	.62
22	excited	.42
24	like fighting	.36
28	giggly	.58
41	jumpy	.55
44	like laughing	.42
51	mixed-up	.35
63	shy	.47
66	strong	.40
77	weird	.37

Grades 5 & 6-Males — Factor 4

Eigenvalue = 2.80

% of Variance = 3.5

Var #	Name	Loading
2	active	.37
11	brave	.64
22	excited	.40
34	handsome/pretty	.45
37	like hitting	.42
55	playful	.39
57	powerful	.72
58	proud	.42
66	strong	.73
70	tough	.70
76	weak	-.40

Table G

MOOD FACTOR: ERGIC TENSION

Grades 3 & 4-Females Factor 4			Grades 3 & 4-Males Factor 6			Grades 5 & 6-Females Factor 6			Grades 5 & 6-Males Factor 5		
Eigenvalue = 2.95			Eigenvalue = 2.12			Eigenvalue = 2.45			Eigenvalue = 2.42		
% of Variance = 3.6			% of Variance = 2.6			% of Variance = 3.0			% of Variance = 3.0		
Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading	Var #	Name	Loading
28	giggly	.64	12	calm	.36	1	good	.37	3	afraid	.41
40	jealous	.39	22	excited	.44	6	awful	-.43	19	disturbed	.37
41	jumpy	.50	28	giggly	.47	13	cheerful	.46	29	like giving-up	.42
44	like laughing	.61	41	jumpy	.50	16	like crying	-.52	51	mixed-up	.51
52	needed	.41	44	like laughing	.37	23	fed-up	-.38	53	nervous	.64
55	playful	.49	62	sassy	.37	25	fine	.57	65	strange	.45
57	powerful	.39	69	tired	.39	26	friendly	.49	72	unfriendly	.39
64	like smiling	.38	77	weird	.48	43	kind	.43	77	weird	.49
66	strong	.51							79	worried	.60
70	tough	.48									
Cumulative % of Variance = 37.4			Cumulative % of Variance = 36.7			Cumulative % of Variance = 41.4			Cumulative % of Variance = 38.3		

Table H

FEMALES GRADES 3, 4, 5, 6

PEARSON CORRELATION COEFFICIENTS

	VAR1 good	VAR2 active	VAR3 afraid	VAR4 angry	VAR5 ashamed	VAR6 awful	VAR7 bashful	VAR8 "blue"	VAR9 bored
VAR1	1.0000	0.1032	-0.0350	-0.1401*	-0.0796	-0.2597**	0.0473	-0.2351**	-0.3452**
VAR2	0.1032	1.0000	-0.1131	0.0377	0.0305	-0.1193	0.0116	-0.0816	-0.0864
VAR3	-0.0350	-0.1131	1.0000	0.0588	0.0930	0.1121	0.0905	0.0276	0.1759*
VAR4	-0.1401*	0.0377	0.0588	1.0000	0.0974	0.3218**	-0.0473	0.0945	0.1497*
VAR5	-0.0796	0.0305	0.0930	0.0974	1.0000	0.0528	0.0855	0.1948**	-0.0269
VAR6	-0.2597**	-0.1193	0.1121	0.3218**	0.0528	1.0000	0.0304	0.1558*	0.2009**
VAR7	0.0473	0.0116	0.0905	-0.0473	0.0855	0.0304	1.0000	0.0363	-0.0002
VAR8	-0.2351**	-0.0816	0.0276	0.0945	0.1948**	0.1558*	0.0363	1.0000	0.1888**
VAR9	-0.3452**	-0.0864	0.1759*	0.1497*	-0.0269	0.2009**	-0.0002	0.1888**	1.0000
VAR10	-0.1108	-0.0165	0.1277	0.1558*	0.0930	0.2510**	0.0905	0.1942**	0.1759*
VAR11	0.1152	0.0831	-0.0445	-0.0020	0.0175	-0.0103	0.0944	0.0604	-0.0435
VAR12	0.0825	0.0639	-0.1118	-0.0573	-0.1514*	-0.2206**	-0.0707	-0.1618*	-0.1272
VAR13	0.5423**	0.1963**	-0.1058	-0.0545	-0.0383	-0.1989**	0.0453	-0.1963**	-0.2123**
VAR14	-0.1901**	-0.1252	0.1577*	0.0492	0.0673	0.2410**	0.1076	0.1615*	0.2368**
VAR15	0.2071**	0.2164**	-0.1890**	-0.1083	-0.0248	-0.2760**	-0.0851	-0.1303	-0.1751*
VAR16	-0.0763	-0.1111	0.1971**	0.1407*	0.0005	0.1967**	0.0623	0.0878	0.1390*
VAR17	-0.1168	0.0470	0.0532	0.1122	0.0040	0.1187	0.0663	0.0670	0.1072
VAR18	-0.1874**	-0.0751	0.2115**	0.2427**	0.1814*	0.2818**	-0.0035	0.1441*	0.2498**
VAR19	-0.0668	0.0377	0.0256	0.0629	-0.0601	0.1605*	0.0379	0.0579	0.1343
VAR20	-0.1548*	0.0160	0.0387	0.1055	0.1694*	0.1127	0.0786	0.0632	0.1695*
VAR21	-0.1032	-0.0526	0.0901	0.0910	0.1134	0.1215	0.1082	0.1827*	0.1373
VAR22	0.2070**	0.1857**	0.0224	-0.0291	-0.0906	-0.1528*	0.1680*	-0.0126	-0.1376
VAR23	-0.3475**	0.0345	0.1607*	0.2248**	0.1285	0.2850**	-0.0939	0.1236	0.2583**
VAR24	-0.1496*	0.0657	0.1368	0.0602	-0.1123	0.0777	-0.0326	0.1440*	0.2950**
VAR25	0.4892**	0.0666	-0.1102	-0.1988**	0.0098	-0.2193**	-0.0170	-0.1658*	-0.3256**
VAR26	0.3412**	0.0097	-0.1217	-0.1175	-0.0185	-0.2225**	0.0417	-0.2280**	-0.2659**
VAR27	-0.1245	0.0669	0.0681	0.1353	0.2060**	0.1862**	0.1224	0.2272**	0.1369
VAR28	0.0609	0.0366	0.0140	0.0490	0.0518	0.0106	-0.0150	0.0988	-0.0134
VAR29	-0.2389**	-0.0801	0.1866**	0.1865**	0.0796	0.2597**	0.0116	0.1396*	0.3203**
VAR30	0.3706**	0.1781*	-0.0161	-0.1278	0.0314	-0.1465*	0.0685	-0.0957	-0.2516**
VAR31	0.3149**	0.1529*	-0.0598	-0.1304	0.0473	-0.1507*	0.0434	-0.0531	-0.2269**
VAR32	-0.3935**	-0.0204	0.0777	0.1922**	0.0391	0.2007**	0.0172	0.1141	0.2567**
VAR33	-0.3974**	-0.0872	0.0991	0.2176**	0.0552	0.1255	-0.1179	0.1765*	0.2783**
VAR34	0.1252	0.0769	0.0290	-0.0044	0.0202	-0.0299	0.0788	0.0466	-0.0282
VAR35	0.5121**	0.1745*	-0.0106	-0.1168	0.0124	-0.2415**	0.1607*	-0.1604*	-0.2331**
VAR36	0.2229**	0.0790	-0.0131	-0.0518	-0.0356	-0.0899	0.0260	0.0085	-0.1271
VAR37	-0.1189	0.0077	0.2111**	0.1757*	-0.0576	0.0825	-0.0277	0.0956	0.0796
VAR38	-0.1220	-0.0131	0.1751*	0.0769	0.0926	0.0740	-0.0642	0.1962**	0.1396*
VAR39	0.3782**	0.1957**	-0.0513	-0.0907	-0.0078	-0.0708	0.0947	-0.0866	-0.2091**
VAR40	-0.0822	0.0270	0.1020	-0.0025	0.0587	0.0700	-0.0902	0.2081**	0.1423*
VAR41	0.0397	0.1858**	0.0092	-0.0364	0.0035	0.0640	0.0477	0.0535	0.0729
VAR42	-0.2294**	-0.0124	0.0571	0.2121**	0.0365	0.1504*	-0.0455	0.0996	0.2239**
VAR43	0.4441**	0.0691	-0.0705	-0.1519*	0.0149	-0.1529*	0.0167	-0.1021	-0.2458**
VAR44	0.1449*	0.1531*	0.0024	0.0309	0.0848	0.0028	0.0310	0.0827	-0.0499
VAR45	-0.2028**	-0.0839	0.0513	0.1228	-0.0533	0.1167	-0.1150	0.1087	0.3295**
VAR46	0.2156**	0.0540	-0.0749	-0.1010	0.0508	-0.0589	0.0786	-0.2014**	-0.2817**
VAR47	-0.2797**	-0.0609	0.1022	0.1246	0.0702	0.1680*	0.0663	0.1163	0.2637**
VAR48	0.2340**	0.1382	0.0007	-0.0470	0.1200	-0.1384	0.1012	-0.0199	-0.1180
VAR49	-0.2458**	-0.0416	0.2220**	0.1470*	0.0269	0.2045**	-0.0631	0.0710	0.1725*
VAR50	-0.3731**	-0.1343	0.0820	0.2031**	0.0682	0.2534**	0.0720	0.1985**	0.2923**
VAR51	-0.2653**	-0.0982	0.0998	0.0982	0.0456	0.2772**	0.0054	0.2204**	0.3301**
VAR52	0.1160	0.0603	0.0287	0.0013	0.0076	-0.0573	-0.0135	0.0157	-0.0173
VAR53	-0.0024	-0.0999	0.2610**	0.0266	0.0994	0.1397*	0.0682	0.1307	0.1403*
VAR54	0.2664**	0.1079	-0.0817	-0.0704	-0.0154	-0.1235	-0.0084	0.0151	-0.0947
VAR55	0.2325**	0.1839**	0.0084	-0.0923	0.0488	-0.1836**	0.0391	0.0000	-0.1706*
VAR56	0.0901	0.0858	-0.1144	-0.0538	-0.0998	-0.0411	0.0317	-0.0863	-0.1211
VAR57	0.1586*	0.1357	0.0093	0.0261	0.0831	-0.1067	0.0561	0.1018	-0.0841
VAR58	0.2506**	0.1054	0.0005	-0.0272	-0.0036	-0.0222	0.0957	0.0312	-0.1804*
VAR59	-0.3306**	-0.0816	0.0942	0.1352	0.0396	0.2433**	-0.0154	0.2446**	0.2762**
VAR60	-0.0608	-0.0478	0.1236	0.0813	0.0517	0.0379	0.0441	0.0696	0.1443*
VAR61	-0.3147**	-0.0844	0.0908	0.1317	-0.0202	0.2294**	-0.0372	0.1144	0.2289**
VAR62	0.0600	0.1049	-0.0082	-0.0760	0.0226	0.0014	-0.0336	0.0640	0.0733
VAR63	-0.0218	-0.0115	0.0705	0.0747	0.0587	0.1805*	0.2775**	-0.0304	0.0802
VAR64	0.3057**	0.0507	0.0094	-0.1080	0.0392	-0.1187	0.0499	-0.0674	-0.1454*
VAR65	-0.1680*	-0.0418	0.0668	0.1100	0.0191	0.0657	-0.0939	0.2288**	0.2172**
VAR66	0.0699	0.1559*	-0.0169	-0.0050	-0.0022	-0.0469	0.1268	0.0587	0.0207
VAR67	-0.2097**	0.0264	0.2316**	0.2392**	-0.0057	0.2007**	-0.0725	0.0818	0.1809*
VAR68	-0.3190**	0.0160	0.0387	0.2736**	0.0494	0.2631**	-0.0281	0.1786*	0.2146**
VAR69	-0.1032	-0.0871	0.1373	0.0509	0.0258	0.1405*	0.0260	0.0816	0.2766**
VAR70	-0.0332	0.0794	0.1087	-0.0660	-0.0185	-0.0843	0.0762	0.0496	0.0996
VAR71	-0.1876**	-0.0886	0.1761*	0.1475*	0.0894	0.2330**	-0.0548	0.1209	0.1921**
VAR72	-0.1514*	-0.0029	0.1245	0.2486**	0.0742	0.1563*	-0.0680	0.2497**	0.1603*
VAR73	-0.1588*	0.0146	0.1236	0.1868**	0.0517	0.1726*	-0.0356	0.1127	0.1780*
VAR74	-0.1837**	-0.0182	0.1479*	0.1751*	0.1180	0.2408**	0.0854	0.2120**	0.2547**
VAR75	-0.2550**	-0.0441	0.0860	0.1676*	-0.0427	0.2596**	-0.0497	0.1769*	0.2155**
VAR76	-0.2035**	-0.1133	0.1398*	0.1310	0.1464*	0.1775*	-0.0882	0.0496	0.2196**
VAR77	-0.0822	0.0078	-0.0242	-0.0025	0.0587	0.0700	0.1304	0.1021	0.1423*
VAR78	-0.0184	-0.0227	0.1294	0.1100	0.1285	0.1753*	0.1249	0.0973	0.1556*
VAR79	-0.1925**	-0.0786	0.1351	0.0341	0.1503*	0.1374	-0.0087	0.2300**	0.1954**
VAR80	-0.2752**	-0.1032	-0.0030	0.1865**	0.1679*	0.1933**	0.0410	0.2988**	0.1710*
VAR81	0.3361**	0.1619*	-0.0041	-0.1278	0.0801	-0.1701*	0.0674	-0.1161	-0.2382**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR10 bossy	VAR11 brave	VAR12 calm	VAR13 cheerful	VAR14 confused	VAR15 cooperative	VAR16 like crying	VAR17 cruel	VAR18 disappointed
VAR1	-0.1108	0.1152	0.0825	0.5423**	-0.1901**	0.2071**	-0.0763	-0.1168	-0.1874**
VAR2	-0.0165	0.0831	0.0639	0.1963**	-0.1252	0.2164**	-0.1111	0.0470	-0.0751
VAR3	0.1277	-0.0445	-0.1118	-0.1059	0.1577*	-0.1890**	0.1971**	0.0532	0.2115**
VAR4	0.1558*	-0.0020	-0.0573	-0.0545	0.0492	-0.1083	0.1407*	0.1122	0.2427**
VAR5	0.0930	0.0175	-0.1514*	-0.0383	0.0673	-0.0248	0.0005	0.0040	0.1814*
VAR6	0.2510**	-0.0103	-0.2206**	-0.1889**	0.2410**	-0.2760**	0.1967**	0.1187	0.2818**
VAR7	0.0905	0.0944	-0.0707	0.0453	0.1076	-0.0851	0.0623	0.0663	-0.0035
VAR8	0.1942**	0.0604	-0.1619*	-0.1963**	0.1615*	-0.1303	0.0878	0.0670	0.1441*
VAR9	0.1759*	-0.0435	-0.1272	-0.2123**	0.2368**	-0.1751*	0.1390*	0.1072	0.2498**
VAR10	1.0000	0.0059	-0.1118	-0.0760	0.1282	-0.1633*	0.1425*	0.2144**	0.1467*
VAR11	0.0059	1.0000	-0.0264	0.2068**	-0.0789	0.0377	0.0214	0.1001	0.0173
VAR12	-0.1118	-0.0264	1.0000	0.0619	-0.1602*	0.3789**	-0.1114	-0.0714	-0.1365
VAR13	-0.0760	0.2068**	0.0619	1.0000	-0.2648**	0.2331**	-0.0935	-0.0223	-0.0788
VAR14	0.1282	-0.0789	-0.1602*	-0.2648**	1.0000	-0.2373**	-0.0337	0.0763	0.2870**
VAR15	-0.1633*	0.0377	0.3789**	0.2331**	-0.2373**	1.0000	-0.1301	-0.2001**	-0.1282
VAR16	0.1425*	0.0214	-0.1114	-0.0935	-0.0337	-0.1301	1.0000	0.0366	0.0787
VAR17	0.2144**	0.1001	-0.0714	-0.0223	0.0763	-0.2001**	0.0366	1.0000	-0.0431
VAR18	0.1467*	0.0173	-0.1365	-0.0788	0.2870**	-0.1282	0.0787	-0.0431	1.0000
VAR19	0.0867	0.1585*	-0.0636	-0.0890	0.0111	-0.0585	0.1439*	0.0317	0.1673*
VAR20	0.1418*	0.0188	-0.2108**	-0.0880	0.2076**	-0.0660	0.0503	0.1838**	0.1620*
VAR21	0.1231	0.0248	-0.1741*	-0.0402	0.3023**	-0.2079**	0.2209**	0.0296	0.2731**
VAR22	-0.0019	0.1968**	0.0238	0.3219**	-0.0501	0.2528**	-0.0515	-0.0610	-0.1478*
VAR23	0.2233**	0.0629	-0.1643*	-0.2230**	0.1421*	-0.2610**	0.1968**	0.2643**	0.3368**
VAR24	0.2389**	0.0690	-0.0940	-0.1334	0.1244	-0.0145	0.0475	0.2477**	0.1004
VAR25	-0.1744*	0.0986	0.2094**	0.4125**	-0.1363	0.2038**	-0.1642*	-0.1499*	-0.1745*
VAR26	-0.1928**	0.0933	0.1737*	0.3213**	-0.0985	0.1126	-0.2061**	-0.1283	-0.1815*
VAR27	0.2177**	0.0369	-0.0969	-0.1061	0.0426	-0.0515	0.1756*	0.2256**	0.1189
VAR28	0.1106	0.1677*	-0.0434	0.1899**	-0.0403	0.1012	0.0097	0.0243	0.1310
VAR29	0.2245**	0.1018	-0.2021**	-0.1703*	0.2466**	-0.2562**	0.2328**	0.1168	0.3422**
VAR30	-0.1059	0.0925	0.1185	0.3901**	-0.1311	0.1556*	-0.2171**	0.0081	-0.1032
VAR31	-0.0598	0.2070**	0.0242	0.4359**	-0.1231	0.1019	-0.0777	-0.0952	-0.0553
VAR32	0.1931**	0.0219	-0.1405*	-0.3526**	0.1986**	-0.2177**	0.0800	0.2395**	0.1637*
VAR33	0.2631**	0.0410	-0.1849**	-0.2144**	0.2059**	-0.3179**	0.1529*	0.1879**	0.1958**
VAR34	-0.0188	0.1587*	0.0019	0.2348**	-0.0203	0.0163	0.0364	0.0675	0.0318
VAR35	-0.1379	0.0911	0.1205	0.4763**	-0.1540*	0.1545*	-0.1606*	-0.1132	-0.2209**
VAR36	0.0167	0.0668	0.2052**	0.2485**	0.0071	0.0909	-0.0499	0.0109	-0.0015
VAR37	0.1742*	0.0442	-0.0644	-0.1549*	0.0091	-0.0434	0.2215**	0.0690	0.2330**
VAR38	0.0592	0.0145	-0.0836	-0.2471**	0.1699*	-0.1217	0.1604*	0.0664	0.1284
VAR39	-0.1037	0.1882**	0.0732	0.4391**	-0.1489*	0.1359	-0.0353	-0.0864	-0.1086
VAR40	0.0705	0.0167	-0.0131	0.0324	0.1010	-0.0652	-0.0601	0.0450	0.1891**
VAR41	0.1590*	0.1269	-0.0154	0.1303	0.0259	0.1119	-0.0624	0.0688	0.0718
VAR42	0.1890**	0.0038	-0.1116	-0.1646*	0.1304	-0.1438*	0.1301	0.0631	0.2462**
VAR43	-0.1651*	0.1238	0.1326	0.3962**	-0.1715*	0.1878**	-0.0702	-0.0771	-0.2149**
VAR44	0.1209	0.1836**	-0.0201	0.2203**	-0.0582	0.0490	0.0996	0.0144	0.1096
VAR45	0.1299	-0.0048	0.0095	-0.2216**	0.1098	-0.1190	-0.0008	0.0864	0.0872
VAR46	-0.0749	0.0881	0.1289	0.2247**	-0.2122**	0.1147	0.0459	-0.1114	-0.0644
VAR47	0.2211**	-0.0101	-0.0926	-0.2934**	0.2807**	-0.1679*	0.0908	0.0797	0.2443**
VAR48	-0.0488	0.1997**	0.1189	0.1363	-0.0660	0.1736*	-0.0336	0.0168	-0.0986
VAR49	0.2220**	-0.0021	-0.0243	-0.2013**	0.0590	-0.0445	0.2461**	0.2290**	0.1346
VAR50	0.1467*	-0.0651	-0.1365	-0.3232**	0.2388**	-0.1911**	0.1679*	0.1215	0.2861**
VAR51	0.2125**	0.0257	-0.0866	-0.1981**	0.3745**	-0.1996**	0.1075	0.1939**	0.2673**
VAR52	0.0043	0.1076	-0.0445	0.1334	0.0720	0.0099	-0.0138	0.0635	0.0717
VAR53	0.2085**	-0.0048	-0.1890**	-0.1227	0.2660**	-0.1020	0.1796*	-0.0201	0.1942**
VAR54	0.0237	0.0848	0.1198	0.3124**	-0.1444*	0.1043	-0.0562	-0.0520	-0.0888
VAR55	-0.0419	0.1760*	0.0794	0.2405**	-0.0562	0.1466*	-0.0115	0.0000	-0.0411
VAR56	-0.1144	0.0569	0.1656*	0.1778*	-0.0422	0.1735*	-0.0978	-0.0671	-0.0223
VAR57	0.1046	0.3166**	-0.0115	0.1398*	-0.0474	-0.0126	0.0228	0.0688	0.0143
VAR58	0.0876	0.3149**	0.0339	0.2629**	0.0079	0.0590	0.0171	-0.0339	-0.0453
VAR59	0.0276	-0.0032	-0.2039**	-0.3220**	0.1863**	-0.1734*	0.0420	0.1347	0.2257**
VAR60	0.3286**	0.0416	-0.1149	-0.0340	0.1056	-0.1681*	0.0145	0.2328**	0.1443*
VAR61	0.0548	-0.1020	-0.1608*	-0.2762**	0.2926**	-0.2143**	0.1615*	0.1699*	0.1590*
VAR62	0.3013**	0.1197	-0.0980	0.0097	0.0182	-0.0633	0.0553	0.1750*	0.0177
VAR63	0.1651*	-0.0235	-0.1326	0.0324	0.1010	-0.0856	0.1571*	0.0450	0.1118
VAR64	-0.0176	0.1645*	0.0308	0.3981**	-0.0811	0.1426*	-0.0121	-0.1072	-0.0702
VAR65	0.1920**	0.0231	-0.1051	-0.1049	0.1188	-0.0989	0.1106	0.1052	0.1580*
VAR66	0.0307	0.3062**	-0.0515	0.1072	0.0555	-0.0696	-0.0772	0.1391*	-0.0666
VAR67	0.2700**	-0.0515	-0.1162	-0.2075**	0.1700*	-0.1679*	0.1859**	0.2395**	0.1637*
VAR68	0.2105**	0.0625	-0.2325**	-0.2176**	0.1565*	-0.2439**	0.0976	0.2188**	0.3023**
VAR69	0.0889	0.0553	-0.0029	-0.1599*	0.1972**	-0.0599	0.0779	0.0512	0.2330**
VAR70	0.1361	0.1689*	-0.0518	0.0480	0.0203	-0.0962	0.0028	0.0922	0.0085
VAR71	0.1761*	-0.0030	-0.1024	-0.2176**	0.1309	-0.1327	0.0976	0.0442	0.1901**
VAR72	0.2571**	0.0634	-0.1259	-0.1238	0.0841	-0.1206	0.3596**	0.0851	0.0899
VAR73	0.2261**	0.0742	-0.1149	-0.0727	0.1056	-0.1349	0.0851	0.1807*	0.1443*
VAR74	0.1479*	0.0029	-0.1601*	-0.1583*	0.2616**	-0.1179	0.1860**	0.0317	0.3671**
VAR75	0.1187	-0.0310	-0.1036	-0.2323**	0.2703**	-0.1571*	0.1267	0.0594	0.3463**
VAR76	0.1096	-0.0420	-0.1259	-0.1926**	0.2039**	-0.1823*	0.0132	-0.0358	0.2801**
VAR77	0.1020	0.0769	-0.1326	-0.0152	0.1245	-0.0856	0.0702	0.2054**	0.0345
VAR78	0.0355	0.1823*	-0.2433**	-0.0341	0.0721	-0.2813**	0.1106	0.2007**	0.1068
VAR79	0.1920**	-0.0222	-0.0998	-0.1442*	0.2388**	-0.0657	0.1126	0.0569	0.2080**
VAR80	0.1866**	0.0295	-0.1542*	-0.2276**	0.1901**	-0.2071**	0.0241	0.0783	0.2493**
VAR81	-0.0833	0.1167	0.0684	0.4104**	-0.1186	0.1646*	-0.0392	-0.1459*	-0.0732

* - SIGNIF LE .01 ** - SIGNIF. LE .001

	VAR19 disturbed	VAR20 dumb	VAR21 embarrassed	VAR22 excited	VAR23 fed-up	VAR24 like fighting	VAR25 fine	VAR26 friendly	VAR27 furious
VAR1	-0.0668	-0.1548*	-0.1032	0.2070**	-0.3475**	-0.1496*	0.4892**	0.3412**	-0.1245
VAR2	0.0377	0.0160	-0.0526	0.1857**	0.0345	0.0857	0.0656	0.0097	0.0869
VAR3	0.0256	0.0387	0.0901	0.0224	0.1607*	0.1369	-0.1102	-0.1217	0.0681
VAR4	0.0628	0.1055	0.0910	-0.0291	0.2248**	0.0602	-0.1988**	-0.1175	0.1353
VAR5	-0.0601	0.1694*	0.1134	-0.0906	0.1285	-0.1123	0.0098	-0.0185	0.2060**
VAR6	0.1605*	0.1127	0.1215	-0.1528*	0.2850**	0.0777	-0.2193**	-0.2225**	0.1862**
VAR7	0.0379	0.0786	0.1082	0.1680*	-0.0939	-0.0326	-0.0170	0.0417	0.1224
VAR8	0.0578	0.0632	0.1827*	-0.0126	0.1236	0.1440*	-0.1658*	-0.2280**	0.2272**
VAR9	0.1343	0.1695*	0.1373	-0.1376	0.2583**	0.2950**	-0.3256**	-0.2659**	0.1369
VAR10	0.0867	0.1418*	0.1231	-0.0019	0.2233**	0.2389**	-0.1744*	-0.1928**	0.2177**
VAR11	0.1585*	0.0188	0.0248	0.1968**	0.0629	0.0690	0.0986	0.0933	0.0369
VAR12	-0.0636	-0.2108**	-0.1741*	0.0238	-0.1643*	-0.0940	0.2094**	0.1737*	-0.0969
VAR13	-0.0890	-0.0880	-0.0402	0.3219**	-0.2230**	-0.1334	0.4125**	0.3213**	-0.1061
VAR14	0.0111	0.2076**	0.3023**	-0.0501	0.1421*	0.1244	-0.1363	-0.0985	0.0426
VAR15	-0.0585	-0.0660	-0.2079**	0.2528**	-0.2610**	-0.0145	0.2038**	0.1126	-0.0515
VAR16	0.1439*	0.0503	0.2209**	-0.0515	0.1968**	0.0475	-0.1642*	-0.2061**	0.1756*
VAR17	0.0317	0.1838**	0.0296	-0.0610	0.2643**	0.2477**	-0.1499*	-0.1283	0.2256**
VAR18	0.1673*	0.1620*	0.2731**	-0.1478*	0.3368**	0.1004	-0.1745*	-0.1815*	0.1189
VAR19	1.0000	-0.0316	0.1035	0.0803	0.2405**	0.2522**	-0.2603**	-0.1743*	0.1758*
VAR20	-0.0316	1.0000	0.1444*	-0.0798	0.2229**	0.1021	-0.1568*	-0.2777**	0.0834
VAR21	0.1035	0.1444*	1.0000	0.0156	0.0398	0.1103	-0.0797	-0.1038	0.1904**
VAR22	0.0803	-0.0798	0.0156	1.0000	-0.1321	0.0751	0.1192	0.1298	0.0111
VAR23	0.2405**	0.2229**	0.0398	-0.1321	1.0000	0.2696**	-0.3548**	-0.3574**	0.2195**
VAR24	0.2522**	0.1021	0.1103	0.0751	0.2696**	1.0000	-0.3982**	-0.3318**	0.1430*
VAR25	-0.2603**	-0.1568*	-0.0797	0.1192	-0.3548**	-0.3982**	1.0000	0.4351**	-0.2052**
VAR26	-0.1743*	-0.2777**	-0.1038	0.1298	-0.3574**	-0.3318**	0.4351**	1.0000	-0.2317**
VAR27	0.1758*	0.0834	0.1904**	0.0111	0.2195**	0.1430*	-0.2052**	-0.2317**	1.0000
VAR28	0.0148	0.0647	0.1087	0.2642**	0.0575	0.0970	0.0734	-0.0285	0.0216
VAR29	0.2129**	0.2533**	0.1663*	-0.1373	0.4971**	0.0846	-0.2437**	-0.2732**	0.1602*
VAR30	-0.2506**	-0.0880	-0.0402	0.2302**	-0.3175**	-0.1334	0.3882**	0.2676**	0.0350
VAR31	-0.1148	-0.0967	-0.0244	0.3019**	-0.2604**	-0.1576*	0.3492**	0.2623**	-0.0787
VAR32	0.2215**	0.1616*	0.0776	-0.1249	0.3578**	0.1894**	-0.4391**	-0.2471**	0.2754**
VAR33	0.1329	0.1564*	0.0694	-0.1723*	0.4685**	0.2920**	-0.3569**	-0.2821**	0.1951**
VAR34	0.0126	0.0002	0.0747	0.1909**	-0.0118	0.0297	0.0568	0.0921	-0.0235
VAR35	-0.1309	-0.2067**	-0.0750	0.3251**	-0.3223**	-0.1455*	0.4206**	0.3707**	-0.0500
VAR36	-0.1071	-0.0838	0.0628	0.1486*	-0.1705*	-0.0524	0.2614**	0.2358**	-0.0181
VAR37	0.2536**	0.0779	-0.0010	0.0423	0.2698**	0.4211**	-0.2871**	-0.3586**	0.2176**
VAR38	0.2220**	0.0929	0.1169	0.0072	0.1961**	0.0867	-0.2395**	-0.1906**	0.1145
VAR39	-0.0619	-0.1089	0.0295	0.3600**	-0.2674**	-0.1238	0.3773**	0.2503**	0.0047
VAR40	0.0766	0.1192	0.0966	-0.0440	0.1658*	0.1134	-0.1065	-0.0812	0.0760
VAR41	0.1177	0.0559	0.0251	0.2271**	0.0423	0.1977**	0.0368	-0.1033	0.0469
VAR42	0.2053**	0.2587**	0.1768*	-0.0450	0.3267**	0.3647**	-0.3200**	-0.3994**	0.1593*
VAR43	-0.1496*	-0.2285**	-0.0704	0.2762**	-0.4149**	-0.2215**	0.5151**	0.4205**	-0.0462
VAR44	0.0399	0.0747	0.0721	0.2851**	0.0313	0.0842	0.0737	-0.0027	0.0249
VAR45	0.1630*	0.0635	-0.0949	-0.1190	0.2260**	0.1452*	-0.2712**	-0.2034**	-0.0294
VAR46	-0.0262	-0.1508*	-0.0999	0.0006	-0.1537*	-0.1680*	0.1274	0.1733*	-0.0197
VAR47	0.2447**	0.1868**	0.1845**	-0.0393	0.3348**	0.2562**	-0.2855**	-0.2358**	0.1582*
VAR48	0.0119	-0.0650	-0.0329	0.2669**	-0.1064	0.0705	0.1306	0.1353	0.0341
VAR49	0.1089	0.2776**	-0.0076	-0.1609*	0.3690**	0.3105**	-0.2769**	-0.4177**	0.1966**
VAR50	0.2173**	0.3303**	0.1653*	-0.1478*	0.3880**	0.2392**	-0.3842**	-0.4427**	0.0883
VAR51	0.2391**	0.2686**	0.1426*	-0.0284	0.3490**	0.3084**	-0.2597**	-0.2700**	0.1759*
VAR52	0.0920	-0.0227	0.1292	0.0674	0.0012	0.0739	0.0745	-0.0019	0.0145
VAR53	0.1225	0.1316	0.2104**	0.1702*	0.1639*	0.1462*	-0.1440*	-0.0625	0.1188
VAR54	-0.1402*	-0.1486*	-0.0981	0.0768	-0.1267	-0.1129	0.3117**	0.1346	-0.0265
VAR55	0.0453	-0.0436	0.0070	0.2519**	-0.0728	0.0072	0.1968**	0.1353	-0.0316
VAR56	-0.1548*	-0.1543*	0.0120	0.1536*	-0.1962**	-0.1705*	0.2399**	0.2272	-0.0564
VAR57	0.0107	-0.0116	-0.0072	0.1102	0.0364	0.1427*	0.0910	0.0045	0.0132
VAR58	-0.0474	-0.0977	0.0793	0.2783**	-0.1094	-0.0053	0.2140**	0.1703*	0.0823
VAR59	0.2120**	0.2075**	0.2105**	-0.1147	0.2813**	0.2011**	-0.3275**	-0.1981**	0.1644*
VAR60	-0.0376	0.2126**	-0.0187	-0.0867	0.1707*	0.1200	-0.0992	-0.1358	0.2022**
VAR61	0.1538*	0.2231**	0.1096	-0.0738	0.2815**	0.1552*	-0.2704**	-0.2105**	0.1705*
VAR62	0.1685*	0.0750	0.0605	-0.0113	0.2156**	0.2986**	-0.1221	-0.1265	0.1877**
VAR63	0.1739*	0.1466*	0.1229	0.1301	0.1160	0.0863	-0.0810	-0.0247	0.1057
VAR64	-0.0074	-0.0646	-0.0385	0.3493**	-0.1307	-0.0809	0.2384**	0.1583*	-0.0153
VAR65	0.1439*	0.2772**	0.0919	-0.0170	0.2343**	0.1623*	-0.2028**	-0.1892**	0.0425
VAR66	0.0808	0.0474	0.0690	0.1742*	0.0519	0.2010**	0.0170	0.0073	0.0556
VAR67	0.1622*	0.1616*	0.0456	-0.1249	0.3881**	0.2223**	-0.2835**	-0.3160**	0.2029**
VAR68	0.3393**	0.2263**	0.1444*	-0.0587	0.3856**	0.1316	-0.2958**	-0.2161**	0.2453**
VAR69	0.1673*	0.1305	0.1129	0.0069	0.1371	0.2243**	-0.1839**	-0.1396*	0.0242
VAR70	0.0495	-0.0440	0.0429	0.1265	0.1724*	0.2896**	-0.0452	-0.1163	0.0258
VAR71	0.3128**	0.1073	0.0872	-0.0798	0.3043**	0.1610*	-0.2124**	-0.2777**	0.1805*
VAR72	0.2026**	0.1133	0.0605	-0.0385	0.3203**	0.1849**	-0.1937**	-0.2849**	0.1877**
VAR73	0.2391**	0.1238	-0.0187	0.0076	0.4134**	0.2078**	-0.2236**	-0.3196**	0.3472**
VAR74	0.2691**	0.1803*	0.2562**	0.0053	0.2887**	0.1736*	-0.2355**	-0.1469*	0.1758*
VAR75	0.3247**	0.1391*	0.1438*	-0.0168	0.2928**	0.1613*	-0.3127**	-0.2748**	0.1235
VAR76	0.1172	0.1183	0.0192	-0.1466*	0.1574*	0.0605	-0.1754*	-0.0569	0.0248
VAR77	0.1496*	0.3652**	0.0966	0.0333	0.1907**	0.1945**	-0.2597**	-0.0812	0.1652*
VAR78	0.0474	0.1145	0.1179	0.0022	0.2837**	0.1891**	-0.2028**	-0.0770	0.0720
VAR79	0.1621*	0.1551*	0.0804	0.0275	0.2484**	0.2700**	-0.2010**	-0.0244	0.1571*
VAR80	0.1545*	0.1219	0.1663*	-0.0676	0.3176**	0.0521	-0.2744**	-0.2392**	0.1960**
VAR81	-0.0903	-0.1847**	0.0010	0.2620**	-0.1724*	-0.1764*	0.4299**	0.3056**	-0.0009

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR28 giggly	VAR29 like giving-up	VAR30 glad	VAR31 great	VAR32 grouchy	VAR33 grumpy	VAR34 handsome/pretty	VAR35 happy	VAR36 helpful
VAR1	0.0609	-0.2389**	0.3706**	0.3149**	-0.3935**	-0.3974**	0.1252	0.5121**	0.2228**
VAR2	0.0366	-0.0801	0.1781*	0.1529*	-0.0204	-0.0872	0.0769	0.1745*	0.0790
VAR3	0.0140	0.1866**	-0.0161	-0.0598	0.0777	0.0891	0.0290	-0.0106	-0.0131
VAR4	0.0490	0.1865**	-0.1278	-0.1304	0.1922**	0.2176**	-0.0044	-0.1168	-0.0518
VAR5	0.0518	0.0796	0.0314	0.0473	0.0391	0.0552	0.0202	0.0124	-0.0356
VAR6	0.0106	0.2597**	-0.1465*	-0.1507*	0.2007**	0.1255	-0.0299	-0.2415**	-0.0899
VAR7	-0.0150	0.0116	0.0685	0.0434	0.0172	-0.1179	0.0788	0.1607*	0.0260
VAR8	0.0988	0.1386*	-0.0957	-0.0531	0.1141	0.1765*	0.0486	-0.1604*	0.0085
VAR9	-0.0134	0.3203**	-0.2516**	-0.2269**	0.2567**	0.2783**	-0.0282	-0.2331**	-0.1271
VAR10	0.1106	0.2245**	-0.1059	-0.0598	0.1931**	0.2631**	-0.0188	-0.1379	0.0167
VAR11	0.1677*	0.1018	0.0925	0.2070**	0.0219	0.0410	0.1587*	0.0911	0.0668
VAR12	-0.0434	-0.2021**	0.1185	0.0242	-0.1405*	-0.1849**	0.0019	0.1205	0.2052**
VAR13	0.1899**	-0.1703*	0.3901**	0.4359**	-0.3526**	-0.2144**	0.2348**	0.4763**	0.2485**
VAR14	-0.0403	0.2466**	-0.1311	-0.1231	0.1986**	0.2058**	-0.0203	-0.1540*	0.0071
VAR15	0.1012	-0.2562**	0.1556*	0.1019	-0.2177**	-0.3179**	0.0163	0.1545*	0.0909
VAR16	0.0097	0.2328**	-0.2171**	-0.0777	0.0800	0.1529*	0.0364	-0.1606*	-0.0499
VAR17	0.0243	0.1168	0.0081	-0.0852	0.2395**	0.1879**	0.0675	-0.1132	0.0109
VAR18	0.1310	0.3422**	-0.1032	-0.0553	0.1637*	0.1958**	0.0318	-0.2209**	-0.0015
VAR19	0.0148	0.2129**	-0.2506**	-0.1148	0.2215**	0.1329	0.0126	-0.1309	-0.1071
VAR20	0.0647	0.2533**	-0.0880	-0.0967	0.1616*	0.1564*	0.0002	-0.2067**	-0.0838
VAR21	0.1087	0.1663*	-0.0402	-0.0244	0.0776	0.0694	0.0747	-0.0750	0.0628
VAR22	0.2642**	-0.1373	0.2302**	0.3019**	-0.1249	-0.1723*	0.1909**	0.3251**	0.1486*
VAR23	0.0575	0.4971**	-0.3175**	-0.2604**	0.3578**	0.4685**	-0.0118	-0.3223**	-0.1705*
VAR24	0.0870	0.0846	-0.1334	-0.1576*	0.1894**	0.2920**	0.0297	-0.1455*	-0.0524
VAR25	0.0734	-0.2437**	0.3882**	0.3492**	-0.4391**	-0.3569**	0.0568	0.4206**	0.2614**
VAR26	-0.0285	-0.2732**	0.2676**	0.2623**	-0.2471**	-0.2821**	0.0921	0.3707**	0.2358**
VAR27	0.0216	0.1602*	0.0350	-0.0787	0.2754**	0.1951**	-0.0235	-0.0500	-0.0181
VAR28	1.0000	0.0083	0.1717*	0.1582*	-0.0991	-0.0150	0.2642**	0.2356**	0.1418*
VAR29	0.0083	1.0000	-0.3992**	-0.2135**	0.3567**	0.4758**	-0.0338	-0.3600**	-0.2229**
VAR30	0.1717*	-0.3992**	1.0000	0.4959**	-0.4107**	-0.3072**	0.1446*	0.5243**	0.3831**
VAR31	0.1582*	-0.2135**	0.4959**	1.0000	-0.3523**	-0.2688**	0.2235**	0.4254**	0.3678**
VAR32	-0.0991	0.3567**	-0.4107**	-0.3523**	1.0000	0.5261**	-0.0212	-0.4012**	-0.1454*
VAR33	-0.0150	0.4758**	-0.3072**	-0.2688**	0.5261**	1.0000	-0.0410	-0.4166**	-0.1486*
VAR34	0.2642**	-0.0338	0.1446*	0.2235**	-0.0212	-0.0410	1.0000	0.2015**	0.1895**
VAR35	0.2356**	-0.3600**	0.5243**	0.4254**	-0.4012**	-0.4166**	0.2015**	1.0000	0.3498**
VAR36	0.1418*	-0.2229**	0.3831**	0.3678**	-0.1454*	-0.1486*	0.1895**	0.3498**	1.0000
VAR37	0.0571	0.2247**	-0.1827*	-0.1202	0.1964**	0.2653**	-0.0135	-0.2220**	-0.0677
VAR38	0.0270	0.2605**	-0.2252**	-0.1434*	0.2984**	0.2538**	0.0729	-0.1162	-0.0887
VAR39	0.2557**	-0.2780**	0.4589**	0.6061**	-0.3402**	-0.3124**	0.2476**	0.4942**	0.4698**
VAR40	0.1042	0.2028**	-0.0628	-0.0785	0.1498*	0.1818*	-0.0012	-0.0506	-0.0111
VAR41	0.4017**	0.0315	0.1303	0.1640*	-0.0319	0.0015	0.2304**	0.1636*	0.1546*
VAR42	0.0294	0.3240**	-0.2144**	-0.2008**	0.3016**	0.3763**	0.0150	-0.2603**	-0.1598*
VAR43	0.1070	-0.2933**	0.3962**	0.4371**	-0.3334**	-0.3449**	0.2105**	0.5317**	0.4132**
VAR44	0.5904**	-0.0088	0.2024**	0.2176**	-0.0666	-0.0458	0.3156**	0.2157**	0.0854
VAR45	-0.0165	0.2780**	-0.3007**	-0.3083**	0.2639**	0.3124**	-0.1212	-0.3049**	-0.2734**
VAR46	-0.0155	-0.1885**	0.0538	0.1003	-0.1151	-0.1785*	0.1380	0.1439*	0.1972**
VAR47	0.0210	0.3082**	-0.2934**	-0.1691*	0.2895**	0.2408**	-0.0461	-0.2783**	-0.1310
VAR48	0.1533*	-0.1631*	0.2110**	0.2325**	-0.1740*	-0.2221**	0.2527**	0.3811**	0.2214**
VAR49	0.0395	0.2458**	-0.1672*	-0.1266	0.1650*	0.3298**	-0.1046	-0.3443**	-0.1635*
VAR50	0.0128	0.3731**	-0.3232**	-0.2501**	0.3835**	0.3632**	-0.1440*	-0.4547**	-0.1229
VAR51	0.0427	0.3729**	-0.1769*	-0.1510*	0.2754**	0.4077**	0.0399	-0.2523**	-0.0653
VAR52	0.2008**	0.0004	0.0415	0.0675	-0.0141	0.0491	0.1848*	0.0619	0.1213
VAR53	0.1271	0.2529**	-0.1029	-0.0630	0.1622*	0.1499*	-0.0422	-0.0526	-0.0573
VAR54	0.1088	-0.1982**	0.2593**	0.2528**	-0.2406**	-0.1666*	0.1453*	0.3617**	0.2278**
VAR55	0.2653**	-0.1122	0.2405**	0.3195**	-0.2196**	-0.1127	0.2882**	0.2691**	0.3457**
VAR56	-0.0145	-0.1428*	0.1987**	0.2382**	-0.0444	-0.2178**	0.1647*	0.2545**	0.2750**
VAR57	0.2061**	-0.0903	0.1577*	0.2410**	-0.0349	0.0072	0.1925**	0.1179	0.1826*
VAR58	0.1369	-0.0649	0.2895**	0.3943**	-0.1222	-0.1698*	0.3159**	0.2629**	0.2358**
VAR59	-0.0026	0.2669**	-0.2717**	-0.2757**	0.3725**	0.2798**	-0.0739	-0.3474**	-0.1812**
VAR60	0.0148	0.1098	0.0047	0.0146	0.1142	0.2397**	-0.0316	-0.1371	-0.0316
VAR61	-0.0279	0.3147**	-0.3033**	-0.2241**	0.3236**	0.2518**	-0.1027	-0.3223**	-0.1092
VAR62	0.0815	0.1514*	-0.0870	-0.0270	0.0712	0.2186**	-0.0108	-0.0473	-0.0209
VAR63	0.2002**	0.1123	-0.0152	0.0058	0.1192	0.0840	-0.0202	0.0253	0.0126
VAR64	0.3145**	-0.1769*	0.2760**	0.4060**	-0.2125**	-0.1721*	0.2231**	0.4037**	0.3092**
VAR65	0.0575	0.2876**	-0.1522*	-0.0721	0.2060**	0.3067**	-0.0685	-0.2469**	-0.1002
VAR66	0.2145**	-0.0472	0.1252	0.1657*	0.0088	0.0787	0.2561**	0.0637	0.1503*
VAR67	-0.0523	0.3567**	-0.3236**	-0.2752**	0.4032**	0.3671**	-0.0676	-0.4320**	-0.2030**
VAR68	-0.0189	0.4832**	-0.3472**	-0.2116**	0.4615**	0.4404**	-0.1033	-0.3721**	-0.2126**
VAR69	0.0663	0.1725*	-0.1052	-0.1045	0.0673	0.2120**	-0.0477	-0.1939**	-0.1877**
VAR70	0.2054**	0.0332	-0.0317	0.0503	0.0921	0.1560*	0.1984**	0.0459	0.1126
VAR71	-0.0398	0.2533**	-0.3213**	-0.1886**	0.3282**	0.1919**	-0.0205	-0.2343**	-0.0838
VAR72	0.0008	0.2782**	-0.1571*	-0.1157	0.1569*	0.4100**	-0.1441*	-0.2957**	-0.1535*
VAR73	0.0148	0.2568**	-0.1114	-0.1225	0.2634**	0.3457**	-0.1243	-0.1371	-0.1469*
VAR74	0.0148	0.3591**	-0.2506**	-0.0944	0.3104**	0.1961**	-0.0612	-0.1799*	-0.1071
VAR75	0.0210	0.3175**	-0.2816**	-0.2366**	0.3587**	0.2345**	-0.0553	-0.3059**	-0.1534*
VAR76	-0.0737	0.2611**	-0.2154**	-0.1423*	0.1828*	0.3745**	-0.0626	-0.3144**	-0.1870**
VAR77	0.1810*	0.1425*	-0.0390	-0.1418*	0.1498*	0.1492*	0.0939	-0.0760	-0.1530*
VAR78	-0.0378	0.2876**	-0.0341	-0.0303	0.1150	0.2087**	0.1014	-0.0460	-0.0532
VAR79	0.0227	0.2198**	-0.1872**	-0.0871	0.2015**	0.2116**	-0.0261	-0.2399**	-0.0318
VAR80	0.0313	0.3839**	-0.2562**	-0.1375	0.3935**	0.3190**	-0.0567	-0.2383**	-0.1661*
VAR81	0.1481*	-0.1847**	0.3905**	0.4783**	-0.3228**	-0.2379**	0.2475**	0.5050**	0.3031**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR37 like hitting	VAR38 ignored	VAR39 joyful	VAR40 jealous	VAR41 jumpy	VAR42 like kicking	VAR43 kind	VAR44 like laughing	VAR45 lazy
VAR1	-0.1189	-0.1220	0.3782**	-0.0822	0.0397	-0.2294**	0.4441**	0.1449*	-0.2028**
VAR2	0.0077	-0.0131	0.1957**	0.0270	0.1858**	-0.0124	0.0691	0.1531*	-0.0839
VAR3	0.2111**	0.1751*	-0.0513	0.1020	0.0092	0.0571	-0.0705	0.0024	0.0513
VAR4	0.1757*	0.0769	-0.0907	-0.0025	-0.0364	0.2121**	-0.1519*	0.0309	0.1228
VAR5	-0.0576	0.0926	-0.0078	0.0587	0.0035	0.0365	0.0149	0.0848	-0.0533
VAR6	0.0825	0.0740	-0.0708	0.0700	0.0640	0.1504*	-0.1529*	0.0028	0.1167
VAR7	-0.0277	-0.0642	0.0947	-0.0802	0.0477	-0.0455	0.0167	0.0310	-0.1190
VAR8	0.0956	0.1962**	-0.0866	0.2081**	0.0535	0.0996	-0.1021	0.0827	0.1087
VAR9	0.0796	0.1386*	-0.2081**	0.1423*	0.0729	0.2239**	-0.2458**	-0.0499	0.3295**
VAR10	0.1742*	0.0592	-0.1037	0.0705	0.1590*	0.1890**	-0.1651*	0.1209	0.1299
VAR11	0.0442	0.0145	0.1882**	0.0167	0.1269	0.0038	0.1238	0.1836**	-0.0048
VAR12	-0.0644	-0.0836	0.0732	-0.0131	-0.0154	-0.1116	0.1326	-0.0201	0.0095
VAR13	-0.1549*	-0.2471**	0.4391**	0.0324	0.1303	-0.1646*	0.3962**	0.2203**	-0.2216**
VAR14	0.0091	0.1699*	-0.1489*	0.1010	0.0259	0.1304	-0.1715*	-0.0582	0.1098
VAR15	-0.0434	-0.1217	0.1359	-0.0652	0.1119	-0.1438*	0.1878**	0.0490	-0.1190
VAR16	0.2215**	0.1604*	-0.0353	-0.0601	-0.0624	0.1301	-0.0702	0.0996	-0.0008
VAR17	0.0690	0.0664	-0.0864	0.0450	0.0688	0.0631	-0.0771	0.0144	0.0864
VAR18	0.2330**	0.1284	-0.1086	0.1891**	0.0718	0.2462**	-0.2149**	0.1096	0.0872
VAR19	0.2536**	0.2220**	-0.0619	0.0766	0.1177	0.2053**	-0.1496*	0.0399	0.1630*
VAR20	0.0779	0.0829	-0.1089	0.1192	0.0559	0.2587**	-0.2285**	0.0747	0.0635
VAR21	-0.0010	0.1169	0.0295	0.0966	0.0251	0.1768*	-0.0704	0.0721	-0.0949
VAR22	0.0423	0.0072	0.3600**	-0.0440	0.2271**	-0.0450	0.2762**	0.2851**	-0.1190
VAR23	0.2698**	0.1961**	-0.2674**	0.1658*	0.0423	0.3262**	-0.4149**	0.0313	0.2260**
VAR24	0.4211**	0.0867	-0.1238	0.1134	0.1977**	0.3647**	-0.2215**	0.0842	0.1462*
VAR25	-0.2871**	-0.2395**	0.3773**	-0.1065	0.0368	-0.3200**	0.5151**	0.0737	-0.2712**
VAR26	-0.3566**	-0.1906**	0.2503**	-0.0812	-0.1033	-0.3994**	0.4205**	-0.0027	-0.2034**
VAR27	0.2176**	0.1145	0.0047	0.0760	0.0469	0.1593*	-0.0462	0.0249	-0.0294
VAR28	0.0571	0.0270	0.2557**	0.1042	0.4017**	0.0294	0.1070	0.5904**	-0.0165
VAR29	0.2247**	0.2605**	-0.2780**	0.2028**	0.0319	0.3240**	-0.2933**	-0.0088	0.2780**
VAR30	-0.1827*	-0.2252**	0.4589**	-0.0628	0.1303	-0.2144**	0.3962**	0.2024**	-0.3007**
VAR31	-0.1202	-0.1434*	0.6061**	-0.0785	0.1640*	-0.2008**	0.4371**	0.2176**	-0.3083**
VAR32	0.1964**	0.2984**	-0.3402**	0.1498*	-0.0319	0.3016**	-0.3334**	-0.0666	0.2639**
VAR33	0.2653**	0.2536**	-0.3124**	0.1818*	0.0015	0.3763**	-0.3449**	-0.0468	0.3124**
VAR34	-0.0135	0.0729	0.2476**	-0.0012	0.2304**	0.0150	0.2105**	0.3156**	-0.1212
VAR35	-0.2220**	-0.1162	0.4942**	-0.0506	0.1636*	-0.2603**	0.5317**	0.2157**	-0.3049**
VAR36	-0.0677	-0.0887	0.4698**	-0.0111	0.1546*	-0.1598*	0.4132**	0.0854	-0.2734**
VAR37	1.0000	0.1612*	-0.1346	0.1874**	0.1080	0.4900**	-0.2461**	0.0577	0.1590*
VAR38	0.1612*	1.0000	-0.1296	0.1104	0.0613	0.1651*	-0.1104	0.0730	0.1870**
VAR39	-0.1346	-0.1296	1.0000	-0.0879	0.2122**	-0.2758**	0.5258**	0.3012**	-0.3591**
VAR40	0.1874**	0.1104	-0.0879	1.0000	0.0693	0.1754*	-0.1966**	0.0598	0.1504*
VAR41	0.1080	0.0613	0.2122**	0.0693	1.0000	0.0251	0.1293	0.4008**	0.0683
VAR42	0.4900**	0.1651*	-0.2758**	0.1754*	0.0251	1.0000	-0.3066**	0.0918	0.2322**
VAR43	-0.2461**	-0.1104	0.5258**	-0.1966**	0.1293	-0.3066**	1.0000	0.1289	-0.3589**
VAR44	0.0577	0.0730	0.3012**	0.0598	0.4008**	0.0918	0.1289	1.0000	-0.1131
VAR45	0.1590*	0.1870**	-0.3591**	0.1504*	0.0683	0.2322**	-0.3589**	-0.1131	1.0000
VAR46	-0.0925	-0.2148**	0.2361**	-0.1150	-0.0710	-0.1470*	0.2502**	0.0300	-0.3296**
VAR47	0.1783*	0.2408**	-0.2537**	0.1293	0.1261	0.2339**	-0.3186**	-0.0142	0.2144**
VAR48	-0.0272	-0.0092	0.3267**	-0.0553	0.1050	-0.0535	0.2521**	0.1944**	-0.1960**
VAR49	0.4010**	0.1496*	-0.2080**	0.0512	0.0790	0.2930**	-0.3388**	-0.0115	0.2080**
VAR50	0.2029**	0.2230**	-0.3226**	0.1376	0.0310	0.2731**	-0.4210**	-0.0260	0.2584**
VAR51	0.1413*	0.2710**	-0.2108**	0.2450**	0.1709*	0.2363**	-0.2226**	0.0797	0.2853**
VAR52	0.0055	0.0322	0.1337	-0.0107	0.1611*	-0.0733	0.0882	0.1731*	-0.0372
VAR53	0.1346	0.2445**	-0.0474	0.1296	0.1013	0.1450*	-0.0879	0.0907	0.1513*
VAR54	-0.1199	-0.1059	0.2640**	0.0082	0.0603	-0.1565*	0.3829**	0.1758*	-0.1015
VAR55	-0.0234	0.0184	0.4988**	-0.0400	0.2111**	-0.0767	0.3203**	0.3109**	-0.2328**
VAR56	-0.1777*	-0.1677*	0.2768**	-0.0495	0.0822	-0.2175**	0.3568**	0.0042	-0.2038**
VAR57	0.0918	-0.0178	0.2123**	0.0642	0.2598**	0.0126	0.1445*	0.3129**	-0.1021
VAR58	0.0901	-0.0423	0.4350**	-0.0021	0.1861**	-0.0217	0.3111**	0.2774**	-0.1783*
VAR59	0.1266	0.2449**	-0.3068**	0.1551*	-0.0303	0.1827*	-0.3141**	-0.1166	0.2187**
VAR60	0.1968**	0.0972	-0.0814	0.0229	-0.0162	0.1944**	-0.1336	-0.0289	0.1831*
VAR61	0.1641*	0.2511**	-0.2127**	0.1157	0.0444	0.1993**	-0.2302**	-0.1156	0.1651*
VAR62	0.2643**	0.1072	-0.0491	0.0793	0.1234	0.2444**	-0.0793	0.0285	0.1952**
VAR63	0.0406	-0.0049	0.0581	0.0710	0.1686*	0.0441	-0.0208	0.1353	0.0044
VAR64	0.0165	-0.1232	0.4942**	-0.0301	0.1604*	-0.1057	0.2875**	0.3666**	-0.1914**
VAR65	0.1242	0.2647**	-0.1226	0.1163	-0.0168	0.2481**	-0.1658*	0.0126	0.2467**
VAR66	0.1113	-0.0041	0.1537*	0.0600	0.2845**	0.1284	0.0718	0.2914**	-0.0121
VAR67	0.3395**	0.2141**	-0.3402**	0.0573	0.0407	0.3335**	-0.3028**	-0.1126	0.2385**
VAR68	0.2057**	0.2435**	-0.2451**	0.1192	0.0343	0.1730*	-0.2559**	-0.0691	0.2224**
VAR69	0.1272	0.1544*	-0.1957**	0.1076	0.1185	0.1330	-0.1653*	0.0637	0.2915**
VAR70	0.1659*	0.0230	0.0819	0.1377	0.1966**	0.2186**	0.0094	0.2018**	0.0752
VAR71	0.3015**	0.1682*	-0.2224**	0.0919	0.0775	0.2587**	-0.1466*	-0.0485	0.2678**
VAR72	0.3054**	0.1395*	-0.1660*	0.0090	0.0120	0.1709*	-0.2201**	-0.0244	0.2829**
VAR73	0.3399**	0.1721*	-0.1492*	0.1336	0.0806	0.1944**	-0.2968**	0.0017	0.1492*
VAR74	0.1683*	0.2443**	-0.1225	0.1983**	0.0984	0.1544*	-0.1256	-0.0149	0.1832*
VAR75	0.2995**	0.3018**	-0.2670**	0.1953**	0.0795	0.3341**	-0.2473**	-0.0360	0.2454**
VAR76	0.0191	0.1874**	-0.2488**	0.0673	-0.0678	0.0944	-0.1873**	-0.0867	0.3085**
VAR77	0.0993	0.1104	-0.0879	0.0710	0.0892	0.1754*	-0.1464*	0.1353	0.1713*
VAR78	0.0369	0.0817	-0.0398	0.0911	0.0620	0.1439*	-0.0911	0.0875	-0.0015
VAR79	0.1226	0.1164	-0.1864**	0.2328**	0.0776	0.1514*	-0.1648*	0.0123	0.1111
VAR80	0.1542*	0.2605**	-0.2028**	0.1425*	0.0080	0.2609**	-0.1726*	-0.0315	0.1778*
VAR81	-0.1905**	-0.1388*	0.5289**	-0.2007**	0.1026	-0.1528*	0.4549**	0.1930**	-0.4068**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR46 liked	VAR47 lonely	VAR48 lucky	VAR49 mean	VAR50 miserable	VAR51 mixed-up	VAR52 needed	VAR53 nervous	VAR54 okay
VAR1	0.2156**	-0.2797**	0.2340**	-0.2458**	-0.3731**	-0.2653**	0.1160	-0.0024	0.2664**
VAR2	0.0540	-0.0609	0.1382	-0.0416	-0.1343	-0.0982	0.0603	-0.0999	0.1079
VAR3	-0.0749	0.1022	0.0007	0.2220**	0.0820	0.0998	0.0287	0.2610**	-0.0817
VAR4	-0.1010	0.1246	-0.0470	0.1470*	0.2031**	0.0982	0.0013	0.0265	-0.0704
VAR5	0.0508	0.0702	0.1200	0.0269	0.0682	0.0456	0.0076	0.0984	-0.0154
VAR6	-0.0589	0.1680*	-0.1384	0.2045**	0.2534**	0.2772**	-0.0573	0.1397*	-0.1235
VAR7	0.0786	0.0663	0.1012	-0.0631	0.0720	0.0054	-0.0135	0.0682	-0.0084
VAR8	-0.2014**	0.1163	-0.0199	0.0710	0.1985**	0.2204**	0.0157	0.1307	0.0151
VAR9	-0.2817**	0.2637**	-0.1180	0.1725*	0.2923**	0.3301**	-0.0173	0.1403*	-0.0947
VAR10	-0.0749	0.2211**	-0.0488	0.2220**	0.1467*	0.2125**	0.0043	0.2085**	0.0237
VAR11	0.0881	-0.0101	0.1897**	-0.0021	-0.0651	0.0257	0.1076	-0.0048	0.0848
VAR12	0.1289	-0.0926	0.1189	-0.0243	-0.1365	-0.0866	-0.0445	-0.1890**	0.1198
VAR13	0.2247**	-0.2934**	0.1363	-0.2013**	-0.3232**	-0.1981**	0.1334	-0.1227	0.3124**
VAR14	-0.2122**	0.2807**	-0.0660	0.0590	0.2388**	0.3745**	0.0720	0.2660**	-0.1444*
VAR15	0.1147	-0.1679*	0.1736*	-0.0445	-0.1911**	-0.1996**	0.0089	-0.1020	0.1043
VAR16	0.0459	0.0908	-0.0336	0.2461**	0.1679*	0.1075	-0.0138	0.1796*	-0.0562
VAR17	-0.1114	0.0787	0.0168	0.2290**	0.1215	0.1938**	0.0635	-0.0201	-0.0520
VAR18	-0.0644	0.2443**	-0.0986	0.1346	0.2861**	0.2673**	0.0717	0.1942**	-0.0888
VAR19	-0.0262	0.2447**	0.0119	0.1089	0.2173**	0.2391**	0.0920	0.1225	-0.1402*
VAR20	-0.1508*	0.1868**	-0.0650	0.2776**	0.3303**	0.2686**	-0.0227	0.1316	-0.1486*
VAR21	-0.0999	0.1845**	-0.0329	-0.0076	0.1653*	0.1426*	0.1292	0.2104**	-0.0981
VAR22	0.0006	-0.0393	0.2669**	-0.1609*	-0.1478*	-0.0284	0.0674	0.1702*	0.0768
VAR23	-0.1537*	0.3348**	-0.1064	0.3690**	0.3880**	0.3490**	0.0012	0.1639*	-0.1267
VAR24	-0.1680*	0.2562**	0.0705	0.3105**	0.2392**	0.3084**	0.0739	0.1462*	-0.1129
VAR25	0.1274	-0.2855**	0.1306	-0.2769**	-0.3842**	-0.2587**	0.0745	-0.1440*	0.3117**
VAR26	0.1733*	-0.2358**	0.1353	-0.4177**	-0.4427**	-0.2700**	-0.0019	-0.0625	0.1346
VAR27	-0.0197	0.1582*	0.0341	0.1966**	0.0883	0.1759*	0.0145	0.1188	-0.0265
VAR28	-0.0155	0.0210	0.1533*	0.0395	0.0128	0.0427	0.2008**	0.1271	0.1088
VAR29	-0.1885**	0.3082**	-0.1631*	0.2458**	0.3731**	0.3729**	0.0004	0.2529**	-0.1992**
VAR30	0.0538	-0.2934**	0.2110**	-0.1672*	-0.3232**	-0.1769*	0.0415	-0.1029	0.2593**
VAR31	0.1003	-0.1691*	0.2325**	-0.1266	-0.2501**	-0.1510*	0.0675	-0.0630	0.2528**
VAR32	-0.1151	0.2895**	-0.1740*	0.1650*	0.3835**	0.2754**	-0.0141	0.1622*	-0.2406**
VAR33	-0.1785*	0.2408**	-0.2221**	0.3298**	0.3632**	0.4077**	0.0491	0.1499*	-0.1666*
VAR34	0.1380	-0.0461	0.2527**	-0.1046	-0.1440*	0.0399	0.1548*	-0.0422	0.1453*
VAR35	0.1439*	-0.2783**	0.2811**	-0.3443**	-0.4547**	-0.2523**	0.0619	-0.0526	0.3617**
VAR36	0.1972**	-0.1910	0.2214**	-0.1635*	-0.1229	-0.0653	0.1213	-0.0573	0.2278**
VAR37	-0.0925	0.1783*	-0.0272	0.4010**	0.2028**	0.1413*	0.0055	0.1346	-0.1199
VAR38	-0.2148**	0.2408**	-0.0092	0.1496*	0.2230**	0.2710**	0.0322	0.2445**	-0.1059
VAR39	0.2361**	-0.2537**	0.3267**	-0.2080**	-0.3226**	-0.2108**	0.1337	-0.0474	0.2640**
VAR40	-0.1150	0.1293	-0.0553	0.0512	0.1376	0.2450**	-0.0107	0.1296	0.0083
VAR41	-0.0710	0.1261	0.1050	0.0790	0.0310	0.1709*	0.1611*	0.1013	0.0603
VAR42	-0.1470*	0.2339**	-0.0535	0.2930**	0.2731**	0.2363**	-0.0733	0.1450*	-0.1565*
VAR43	0.2502**	-0.3186**	0.2521**	-0.3388**	-0.4210**	-0.2226**	0.0882	-0.0879	0.3829**
VAR44	0.0300	-0.0142	0.1944**	-0.0115	-0.0260	0.0797	0.1731*	0.0907	0.1758*
VAR45	-0.3296**	0.2144**	-0.4960**	0.2080**	0.2584**	0.2853**	-0.0372	0.1513*	-0.1015
VAR46	1.0000	-0.3245**	0.1426*	-0.1365	-0.2725**	-0.3668**	0.0998	-0.1612*	0.2157**
VAR47	-0.3245**	1.0000	-0.1843**	0.1874**	0.3414**	0.4663**	0.0065	0.2537**	-0.2541**
VAR48	0.1426*	-0.1843**	1.0000	-0.1543*	-0.2400**	-0.2058**	0.1069	-0.0325	0.0821
VAR49	-0.1365	0.1974**	-0.1543*	1.0000	0.3190**	0.2296**	-0.0310	0.0886	-0.1298
VAR50	-0.2725**	0.3414**	-0.2400**	0.3190**	1.0000	0.4973**	-0.0078	0.1514*	-0.3469**
VAR51	-0.3668**	0.4663**	-0.2058**	0.2296**	0.4973**	1.0000	0.0151	0.3039**	-0.2113**
VAR52	0.0998	0.0065	0.1069	-0.0310	-0.0078	0.0151	1.0000	0.0111	0.1143
VAR53	-0.1612*	0.2537**	-0.0325	0.0886	0.1514*	0.3039**	0.0111	1.0000	-0.2872**
VAR54	0.2157**	-0.2541**	0.0821	-0.1298	-0.3469**	-0.2113**	0.1143	-0.2872**	1.0000
VAR55	0.1556*	-0.1571*	0.3190**	-0.1146	-0.1232	-0.1131	0.1751*	0.0333	0.2154**
VAR56	0.1052	-0.1923**	0.0738	-0.3413**	-0.2025**	-0.1586*	0.0114	-0.0762	0.2430**
VAR57	0.0650	0.0139	0.2005**	0.1233	-0.0052	0.0800	0.0719	-0.0233	0.1407*
VAR58	0.1353	-0.1994**	0.3973**	-0.1309	-0.1841**	-0.1623*	0.1178	0.0142	0.2244**
VAR59	-0.3678**	0.3910**	-0.2069**	0.2228**	0.4161**	0.3623**	0.0157	0.1527*	-0.4569**
VAR60	-0.1599*	0.1469*	-0.0086	0.2224**	0.1024	0.1205	-0.1002	0.1831*	0.0045
VAR61	-0.2582**	0.4327**	-0.2347**	0.2619**	0.3646**	0.4069**	0.0546	0.1651*	-0.2678**
VAR62	-0.0634	0.1866**	-0.0309	0.1693*	0.0184	0.0606	0.0678	0.2245**	-0.0044
VAR63	-0.0700	0.2003**	0.0431	0.0872	0.1376	0.2226**	0.0668	0.2964**	-0.0196
VAR64	0.2156**	-0.2082**	0.2437**	-0.1378	-0.2023**	-0.1137	0.1590*	0.0836	0.2934**
VAR65	-0.2431**	0.1705*	-0.1064	0.2264**	0.2091**	0.2601**	-0.0757	0.2467**	-0.1544*
VAR66	0.0178	0.0461	0.2205**	0.0398	0.0501	0.1099	0.2271**	0.0352	0.0379
VAR67	-0.2249**	0.3184**	-0.1501*	0.4278**	0.3521**	0.3027**	0.0095	0.2131**	-0.2406**
VAR68	-0.2489**	0.2898**	-0.2149**	0.2776**	0.4145**	0.3661**	0.0617	0.2451**	-0.3311**
VAR69	-0.2092**	0.2058**	-0.0930	0.2342**	0.2527**	0.3384**	0.0881	0.1787*	-0.1293
VAR70	-0.0013	0.1645*	0.0707	0.1238	0.0301	0.0898	0.1048	0.1101	-0.0148
VAR71	-0.1753*	0.3928**	-0.2149**	0.1994**	0.3303**	0.3173**	0.0406	0.2678**	-0.1790*
VAR72	-0.2843**	0.2198**	-0.0861	0.3709**	0.3065**	0.2489**	0.0135	0.2245**	-0.1611*
VAR73	-0.2697**	0.2622**	-0.0726	0.3391**	0.1861**	0.3025**	-0.0688	0.1492*	-0.0863
VAR74	-0.1571*	0.4280**	-0.1788*	0.0741	0.3172**	0.3694**	0.0545	0.2034**	-0.1131
VAR75	-0.1870**	0.3739**	-0.1680*	0.1386*	0.3196**	0.3216**	0.0199	0.2022**	-0.2671**
VAR76	-0.2527**	0.2773**	-0.2004**	0.1709*	0.2309**	0.2900**	0.0394	0.1890**	-0.1846**
VAR77	-0.1601*	0.1293	-0.0356	0.1231	0.1634*	0.2450**	0.0474	0.2130**	-0.1314
VAR78	-0.0196	0.0298	0.0302	0.0125	0.1580*	0.1935**	-0.0565	0.1226	-0.0435
VAR79	-0.0956	0.3306**	-0.0255	0.0749	0.1847**	0.3331**	0.0813	0.3745**	-0.1698*
VAR80	-0.1344	0.3082**	-0.2104**	0.0299	0.2803**	0.1845**	0.0004	0.1527*	-0.0985
VAR81	0.1899**	-0.2833**	0.2916**	-0.2141**	-0.2888**	-0.1836**	0.0898	-0.0054	0.2721**

	VAR55	VAR56	VAR57	VAR58	VAR59	VAR60	VAR61	VAR62	VAR63	VAR64	VAR65	VAR66	VAR67	VAR68	VAR69	VAR70	VAR71	VAR72	VAR73	VAR74	VAR75	VAR76	VAR77	VAR78	VAR79	VAR80	VAR81
VAR1	0.1556*	0.1052	0.0650	0.1353	-0.3678**	-0.1599*	-0.2582**	-0.0634	-0.0700	0.2156**	-0.2431**	0.0178	-0.2249**	-0.2489**	-0.2092**	-0.0013	-0.1753*	-0.2843**	-0.2697**	-0.1571*	-0.1870**	-0.2527**	-0.1601*	-0.0196	-0.0956	-0.1344	0.1899**
VAR2	-0.1571*	-0.1923**	0.0139	-0.1994**	0.3910**	0.1469*	0.4327**	0.1866**	0.2003**	-0.2082**	0.1705*	0.0461	0.3184**	0.2898**	0.2058**	0.1645*	0.3928**	0.2198**	0.2622**	0.4280**	0.3739**	0.2773**	0.1293	0.0298	0.3306**	0.3082**	-0.2833**
VAR3	0.3190**	0.0738	0.2005**	0.3973**	-0.2069**	-0.0086	-0.2347**	-0.0309	0.0431	0.2437**	-0.1064	0.2205**	-0.1501*	-0.2149**	-0.0930	0.0707	-0.2149**	-0.0861	-0.0726	-0.1788*	-0.1680*	-0.2004**	-0.0356	0.0302	-0.0255	-0.2104**	0.2916**
VAR4	-0.1146	-0.3413**	0.1233	-0.1309	0.2228**	0.2224**	0.2619**	0.1693*	0.0872	-0.1378	0.2264**	0.0398	0.4278**	0.2776**	0.2342**	0.1238	0.1994**	0.3709**	0.3391**	0.0741	0.1386*	0.1709*	0.1231	0.0125	0.0749	0.0299	-0.2141**
VAR5	-0.1232	-0.2025**	-0.0052	-0.1841**	0.4161**	0.1024	0.3646**	0.0184	0.1376	-0.2023**	0.2091**	0.0501	0.3521**	0.4145**	0.2527**	0.0301	0.3303**	0.3065**	0.1861**	0.3172**	0.3196**	0.2309**	0.1634*	0.1580*	0.1847**	0.2803**	-0.2888**
VAR6	-0.1131	-0.1586*	0.0800	-0.1623*	0.3623**	0.1205	0.4069**	0.0606	0.2226**	-0.1137	0.2601**	0.1099	0.3027**	0.3661**	0.3384**	0.0898	0.3173**	0.2489**	0.3025**	0.3694**	0.3216**	0.2900**	0.2450**	0.1935**	0.3331**	0.1845**	-0.1836**
VAR7	0.1751*	0.0114	0.0719	0.1178	0.0157	-0.1002	0.0546	0.0678	0.0668	0.1590*	-0.0757	0.2271**	0.0095	0.0617	0.0881	0.1048	0.0406	0.0135	-0.0688	0.0545	0.0199	0.0394	0.0474	-0.0565	0.0813	0.0004	0.0898
VAR8	0.0333	-0.0762	-0.0233	0.0142	0.1527*	0.1831*	0.1651*	0.2245**	0.2964**	0.0836	0.2467**	0.0352	0.2131**	0.2451**	0.1787*	0.1101	0.2678**	0.2245**	0.1492*	0.2034**	0.2022**	0.1890**	0.2130**	0.1226	0.3745**	0.1527*	-0.0054
VAR9	0.2154**	0.2430**	0.1407*	0.2244**	-0.4569**	0.0045	-0.2678**	-0.0044	-0.0196	0.2934**	-0.1544*	0.0379	-0.2406**	-0.3311**	-0.1293	-0.0148	-0.1790*	-0.1611*	-0.0863	-0.1131	-0.2671**	-0.1846**	-0.1314	-0.0435	-0.1698*	-0.0985	0.2721**
VAR10	-0.0234	-0.0233	0.0142	0.0352	-0.1890**	-0.0762	-0.1651*	-0.0836	-0.2964**	-0.0836	0.2467**	0.0352	-0.2131**	-0.2451**	-0.1787*	-0.1101	-0.2678**	-0.2245**	-0.1492*	-0.2034**	-0.2022**	-0.1890**	-0.2130**	-0.1226	-0.3745**	-0.1527*	0.0054
VAR11	0.0333	-0.0762	-0.0233	0.0142	0.1527*	0.1831*	0.1651*	0.2245**	0.2964**	0.0836	0.2467**	0.0352	0.2131**	0.2451**	0.1787*	0.1101	0.2678**	0.2245**	0.1492*	0.2034**	0.2022**	0.1890**	0.2130**	0.1226	0.3745**	0.1527*	-0.0054
VAR12	-0.0234	-0.0233	0.0142	0.0352	-0.1890**	-0.0762	-0.1651*	-0.0836	-0.2964**	-0.0836	0.2467**	0.0352	-0.2131**	-0.2451**	-0.1787*	-0.1101	-0.2678**	-0.2245**	-0.1492*	-0.2034**	-0.2022**	-0.1890**	-0.2130**	-0.1226	-0.3745**	-0.1527*	0.0054
VAR13	0.2154**	0.2430**	0.1407*	0.2244**	-0.4569**	0.0045	-0.2678**	-0.0044	-0.0196	0.2934**	-0.1544*	0.0379	-0.2406**	-0.3311**	-0.1293	-0.0148	-0.1790*	-0.1611*	-0.0863	-0.1131	-0.2671**	-0.1846**	-0.1314	-0.0435	-0.1698*	-0.0985	0.2721**
VAR14	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR15	0.1556*	0.1052	0.0650	0.1353	-0.3678**	-0.1599*	-0.2582**	-0.0634	-0.0700	0.2156**	-0.2431**	0.0178	-0.2249**	-0.2489**	-0.2092**	-0.0013	-0.1753*	-0.2843**	-0.2697**	-0.1571*	-0.1870**	-0.2527**	-0.1601*	-0.0196	-0.0956	-0.1344	0.1899**
VAR16	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR17	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR18	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR19	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR20	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR21	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR22	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR23	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR24	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR25	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR26	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR27	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR28	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR29	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR30	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR31	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR32	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR33	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR34	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR35	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR36	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR37	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR38	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR39	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR40	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR41	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR42	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR43	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR44	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR45	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR46	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR47	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR48	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR49	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR50	-0.1556*	-0.1052	-0.0650	-0.1353	0.3678**	0.1599*	0.2582**	0.0634	0.0700	-0.2156**	0.2431**	-0.0178	0.2249**	0.2489**	0.2092**	0.0013	0.1753*	0.2843**	0.2697**	0.1571*	0.1870**	0.2527**	0.1601*	0.0196	0.0956	0.1344	-0.1899**
VAR51	-0.1556*	-0.1052	-0.0650	-0.1353

	VAR55 playful	VAR56 polite	VAR57 powerful	VAR58 proud	VAR59 rotten	VAR60 rude	VAR61 sad	VAR62 sassy	VAR63 shy
VAR1	0.2325**	0.0901	0.1586*	0.2506**	-0.3306**	-0.0608	-0.3147**	0.0600	-0.0218
VAR2	0.1839**	0.0858	0.1357	0.1054	-0.0816	-0.0478	-0.0844	0.1049	-0.0115
VAR3	0.0084	-0.1144	0.0093	0.0005	0.0842	0.1236	0.0908	-0.0082	0.0705
VAR4	-0.0923	-0.0538	0.0261	-0.0272	0.1352	-0.0013	0.1217	-0.0760	0.0747
VAR5	0.0488	-0.0098	0.0831	-0.0036	0.0396	0.0517	-0.0202	0.0226	0.0587
VAR6	-0.1836**	-0.0411	-0.1067	-0.0222	0.2433**	0.0379	0.2294**	0.0014	0.1805*
VAR7	0.0381	0.0317	0.0561	0.0957	-0.0154	0.0441	-0.0372	-0.0336	0.2775**
VAR8	0.0000	-0.0863	0.1018	0.0312	0.2446**	0.0696	0.1144	0.0640	-0.0304
VAR9	-0.1708*	-0.1211	-0.0841	-0.1804*	0.2762**	0.1443*	0.2289**	0.0733	0.0802
VAR10	-0.0419	-0.1144	0.1046	0.0976	0.0276	0.3286**	0.0548	0.3013**	0.1651*
VAR11	0.1760*	0.0569	0.3166**	0.3149**	-0.0032	0.0416	-0.1020	0.1197	-0.0239
VAR12	0.0784	0.1656*	-0.0115	0.0339	-0.2039**	-0.1149	-0.1608*	-0.0980	-0.1326
VAR13	0.2405**	0.1778*	0.1398*	0.2629**	-0.3220**	-0.0340	-0.2762**	0.0097	0.0324
VAR14	-0.0562	-0.0422	-0.0474	0.0079	0.1863**	0.1056	0.2926**	0.0182	0.1010
VAR15	0.1466*	0.1735*	-0.0126	0.0590	-0.1734*	-0.1681*	-0.2143**	-0.0633	-0.0856
VAR16	-0.0115	-0.0878	0.0228	0.0171	0.0420	0.0145	0.1615*	0.0553	0.1571*
VAR17	0.0000	-0.0671	0.0688	-0.0339	0.1347	0.2328**	0.1699*	0.1750*	0.0450
VAR18	-0.0411	-0.0223	0.0143	-0.0453	0.2257**	0.1443*	0.1598*	0.0177	0.1118
VAR19	0.0453	-0.1548*	0.0107	-0.0474	0.2120**	-0.0376	0.1538*	0.1685*	0.1739*
VAR20	-0.0436	-0.1543*	-0.0116	-0.0977	0.2075**	0.2126**	0.2231**	0.0750	0.1466*
VAR21	0.0070	0.0120	-0.0072	0.0793	0.2105**	-0.0187	0.1096	0.0608	0.1229
VAR22	0.2519**	0.1536*	0.1102	0.2783**	-0.1147	-0.0867	-0.0738	-0.0113	0.1301
VAR23	-0.0728	-0.1962**	0.0364	-0.1084	0.2813**	0.1707*	0.2815**	0.2156**	0.1160
VAR24	0.0072	-0.1705*	0.1427*	-0.0053	0.2011**	0.1200	0.1552*	0.2986**	0.0863
VAR25	0.1968**	0.2389**	0.0810	0.2140**	-0.3275**	-0.0992	-0.2704**	-0.1221	-0.0810
VAR26	0.1353	0.2272**	0.0045	0.1703*	-0.1981**	-0.1358	-0.2105**	-0.1268	-0.0247
VAR27	-0.0316	-0.0564	0.0132	0.0823	0.1644*	0.2022**	0.1705*	0.1877**	0.1057
VAR28	0.2653**	-0.0145	0.2061**	0.1369	-0.0026	0.0148	-0.0279	0.0815	0.2002**
VAR29	-0.1122	-0.1428*	-0.0903	-0.0649	0.2669**	0.1098	0.3147**	0.1514*	0.1123
VAR30	0.2405**	0.1987**	0.1577*	0.2995**	-0.2717**	0.0047	-0.3033**	-0.0570	-0.0152
VAR31	0.3195**	0.2382**	0.2410**	0.3943**	-0.2757**	0.0146	-0.2241**	-0.0270	0.0058
VAR32	-0.2196**	-0.0444	-0.0349	-0.1222	0.3725**	0.1142	0.3236**	0.0712	0.1192
VAR33	-0.1127	-0.2178**	0.0072	-0.1698*	0.2798**	0.2397**	0.2518**	0.3186**	0.0840
VAR34	0.2882**	0.1647*	0.1925**	0.3159**	-0.0739	-0.0316	-0.1027	-0.0108	-0.0202
VAR35	0.2691**	0.2545**	0.1179	0.2629**	-0.3474**	-0.1371	-0.3223**	-0.0473	0.0253
VAR36	0.3457**	0.2750**	0.1826*	0.2358**	-0.1912**	-0.0316	-0.1092	-0.0209	0.0126
VAR37	-0.0234	-0.1777*	0.0918	0.0901	0.1266	0.1968**	0.1641*	0.2643**	0.0406
VAR38	0.0184	-0.1677*	-0.0178	-0.0423	0.2449**	0.0972	0.2511**	0.1072	-0.0049
VAR39	0.4988**	0.2768**	0.2123**	0.4350**	-0.3068**	-0.0814	-0.2127**	-0.0491	0.0581
VAR40	-0.0400	-0.0495	0.0642	-0.0021	0.1551*	0.0929	0.1157	0.0793	0.0710
VAR41	0.2111**	0.0822	0.2598**	0.1861**	-0.0303	-0.0162	0.0444	0.1234	0.1686*
VAR42	-0.0767	-0.2175**	0.0126	-0.0217	0.1827*	0.1944**	0.1993**	0.2444**	0.0441
VAR43	0.3203**	0.3568**	0.1445*	0.3111**	-0.3141**	-0.1336	-0.2302**	-0.0793	-0.0208
VAR44	0.3109**	0.0042	0.3129**	0.2774**	-0.1166	-0.0289	-0.1196	0.0285	0.1353
VAR45	-0.2228**	-0.2038**	-0.1321	-0.1783*	0.2187**	0.1831*	0.1651*	0.1952**	0.0044
VAR46	0.1556*	0.1052	0.0650	0.1353	-0.3678**	-0.1599*	-0.2582**	-0.0634	-0.0700
VAR47	-0.1571*	-0.1923**	0.0139	-0.1894**	0.3910**	0.1469*	0.4327**	0.1866**	0.2003**
VAR48	0.3190**	0.0738	0.2005**	0.3973**	-0.2069**	-0.0086	-0.2347**	-0.0309	0.0431
VAR49	-0.1146	-0.3413**	0.1233	-0.1309	0.2228**	0.2224**	0.2615**	0.1693*	0.0872
VAR50	-0.1232	-0.2025**	-0.0052	-0.1841**	0.4161**	0.1024	0.3646**	-0.0184	0.1376
VAR51	-0.1131	-0.1586*	0.0800	-0.1623*	0.3623**	0.1205	0.4069**	0.0606	0.2226**
VAR52	0.1751*	0.0114	0.0718	0.1178	0.0157	-0.1002	0.0546	0.0678	0.0668
VAR53	0.0333	-0.0762	-0.0233	0.0142	0.1527*	0.1831*	0.1651*	0.2245**	0.2964**
VAR54	0.2154**	0.2430**	0.1407*	0.2244**	-0.4569**	0.0045	-0.2678**	-0.0044	-0.0196
VAR55	1.0000	0.1750*	0.3074**	0.3695**	-0.2535**	-0.0217	-0.1901**	0.0654	0.0600
VAR56	0.1750*	1.0000	-0.0153	0.3012**	-0.2716**	-0.1457*	-0.1860**	-0.2035**	0.0383
VAR57	0.3074**	-0.0153	1.0000	0.2916**	-0.0383	0.0245	-0.1029	0.0025	0.0642
VAR58	0.3695**	0.3012**	0.2916**	1.0000	-0.2746**	0.0407	-0.1390*	0.0449	0.0173
VAR59	-0.2535**	-0.2716**	-0.0383	-0.2746**	1.0000	0.0696	0.4467**	0.0640	0.0226
VAR60	-0.0217	-0.1457*	0.0245	0.0407	0.0696	1.0000	0.0936	0.2716**	-0.0295
VAR61	-0.1901**	-0.1860**	-0.1029	-0.1390*	0.4467**	0.0936	1.0000	0.0108	0.1729*
VAR62	0.0654	-0.2035**	0.0025	0.0449	0.0640	0.2716**	0.0108	1.0000	0.0793
VAR63	0.0600	0.0383	0.0642	0.0173	0.0226	-0.0295	0.1729*	0.0793	1.0000
VAR64	0.3648**	0.1293	0.1349	0.3444**	-0.3391**	0.0418	-0.2400**	-0.0068	0.0986
VAR65	-0.0132	-0.2179**	-0.0517	-0.1094	0.2813**	0.2112**	0.2248**	0.2854**	0.1409*
VAR66	0.2518**	-0.0113	0.5491**	0.3263**	-0.0413	0.1459*	-0.0406	0.1863**	0.0888
VAR67	-0.1708*	-0.2317**	0.0113	-0.0987	0.3402**	0.1640*	0.3585**	0.1141	0.1804*
VAR68	-0.1961**	-0.2021**	-0.0116	-0.1819*	0.5826**	0.1682*	0.4100**	0.1516*	0.2559**
VAR69	-0.1226	-0.1698*	-0.0921	-0.1202	0.2237**	0.1103	0.1501*	0.2184**	0.1460*
VAR70	0.1731*	-0.0123	0.3717**	0.1470*	-0.0170	0.1542*	0.0286	0.2307**	0.0747
VAR71	-0.0872	-0.2021**	-0.0323	-0.0877	0.4095**	0.1238	0.4100**	0.1899**	0.0919
VAR72	-0.0748	-0.2343**	0.0290	-0.0633	0.2497**	0.2716**	0.2113**	0.2605**	0.1497*
VAR73	-0.1192	-0.1100	0.0861	-0.0220	0.1888**	0.4037**	0.1401*	0.1573*	0.1744*
VAR74	-0.1293	-0.0697	-0.0261	-0.0661	0.3404**	0.1205	0.4589**	0.1344	0.2226**
VAR75	-0.1313	-0.1190	-0.0749	-0.0336	0.3691**	0.1058	0.4902**	0.0207	0.1173
VAR76	-0.2103**	-0.0584	-0.2050**	-0.1982**	0.2521**	0.1144	0.2541**	0.1273	0.0913
VAR77	-0.0200	-0.1592*	-0.0686	-0.0793	0.3141**	0.1744*	0.1729*	0.2201**	0.1715*
VAR78	0.0860	-0.0220	0.0928	0.1779*	0.0447	0.0493	-0.0023	0.0411	0.1409*
VAR79	-0.0181	-0.1898**	-0.0235	-0.0732	0.2539**	0.1261	0.3403**	0.1932**	0.1875**
VAR80	-0.1122	-0.1692*	-0.1130	-0.0881	0.2988**	0.1098	0.1772*	0.1937**	0.0520
VAR81	0.3629**	0.1960**	0.1520*	0.3379**	-0.3601**	-0.0518	-0.2202**	-0.0835	-0.0326

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR64 like smiling	VAR65 strange	VAR66 strong	VAR67 bad-tempered	VAR68 terrible	VAR69 tired	VAR70 tough	VAR71 trapped	VAR72 unfriendly
VAR1	0.3057**	-0.1680*	0.0699	-0.2097**	-0.3180**	-0.1032	-0.0332	-0.1876**	-0.1514*
VAR2	0.0507	-0.0418	0.1559*	0.0264	0.0180	-0.0871	0.0794	-0.0898	-0.0029
VAR3	0.0084	0.0668	-0.0189	0.2316**	0.0387	0.1373	0.1097	0.1761*	0.1249
VAR4	-0.1080	0.1100	-0.0050	0.2392**	0.2736**	0.0509	-0.0660	0.1478*	0.2486**
VAR5	0.0392	0.0191	-0.0022	-0.0057	0.0494	0.0258	-0.0185	0.0884	0.0742
VAR6	-0.1187	0.0657	-0.0469	0.2007**	0.2631**	0.1405*	-0.0843	0.2330**	0.1563*
VAR7	0.0499	-0.0939	0.1268	-0.0725	-0.0281	0.0260	0.0762	-0.0848	-0.0680
VAR8	-0.0674	0.2288**	0.0587	0.0818	0.1786*	0.0816	0.0496	0.1209	0.2497**
VAR9	-0.1454*	0.2172**	0.0207	0.1809*	0.2146**	0.2766**	0.0896	0.1921**	0.1603*
VAR10	-0.0176	0.1930**	0.0307	0.2700**	0.2105**	0.0889	0.1261	0.1761*	0.2571**
VAR11	0.1645*	0.0231	0.3062**	-0.0515	0.0625	0.0553	0.1689*	-0.0030	0.0634
VAR12	0.0308	-0.1051	-0.0515	-0.1162	-0.2325**	-0.0029	-0.0518	-0.1024	-0.1259
VAR13	0.3981**	-0.1049	0.1072	-0.2075**	-0.2176**	-0.1989*	0.0480	-0.2176**	-0.1238
VAR14	-0.0811	0.1188	0.0555	0.1700*	0.1565*	0.1972**	0.0203	0.1309	0.0841
VAR15	0.1426*	-0.0989	-0.0696	-0.1679*	-0.2439**	-0.0589	-0.0962	-0.1227	-0.1206
VAR16	-0.0121	0.1106	-0.0772	0.1859**	0.0976	0.0779	0.0028	0.0876	0.3596**
VAR17	-0.1072	0.1052	0.1391*	0.2395**	0.2188**	0.0812	0.0932	0.0442	0.0851
VAR18	-0.0702	0.1580*	-0.0666	0.1637*	0.3023**	0.2330**	0.0085	0.1901**	0.0899
VAR19	-0.0074	0.1439*	0.0808	0.1622*	0.3393**	0.1673*	0.0495	0.3128**	0.2026**
VAR20	-0.0646	0.2772**	0.0474	0.1616*	0.2263**	0.1305	-0.0440	0.1073	0.1133
VAR21	-0.0385	0.0918	0.0690	0.0496	0.1444*	0.1129	0.0429	0.0872	0.0605
VAR22	0.3493**	-0.0170	0.1742*	-0.1249	-0.0587	0.0069	0.1265	-0.0798	-0.0385
VAR23	-0.1307	0.2343**	0.0519	0.3881**	0.3856**	0.1371	0.1724*	0.3043**	0.3203**
VAR24	-0.0809	0.1623*	0.2010**	0.2223**	0.1316	0.2243**	0.2896**	0.1610*	0.1849**
VAR25	0.2384**	-0.2028**	0.0170	-0.2835**	-0.2958**	-0.1829**	-0.0452	-0.2124**	-0.1937**
VAR26	0.1583*	-0.1892**	0.0073	-0.3160**	-0.2161**	-0.1396*	-0.1163	-0.2777**	-0.2849**
VAR27	-0.0183	0.0425	0.0556	0.2029**	0.2453**	0.0242	0.0258	0.1805*	0.1877**
VAR28	0.3145**	0.0575	0.2145**	-0.0523	-0.0189	0.0663	0.2054**	-0.0398	0.0008
VAR29	-0.1769*	0.2876**	-0.0472	0.3967**	0.4832**	0.1725*	0.0332	0.2533**	0.2782**
VAR30	0.2760**	-0.1522*	0.1252	-0.3236**	-0.3472**	-0.1052	-0.0317	-0.3213**	-0.1571*
VAR31	0.4060**	-0.0721	0.1657*	-0.2752**	-0.2118**	-0.1045	0.0503	-0.1886**	-0.1157
VAR32	-0.2125**	0.2060**	0.0088	0.4032**	0.4615**	0.0673	0.0921	0.3282**	0.1569*
VAR33	-0.1721*	0.3067**	0.0787	0.3671**	0.4404**	0.2120**	0.1560*	0.1919**	0.4100**
VAR34	0.2231**	-0.0685	0.2561**	-0.0676	-0.1033	-0.0477	0.1984**	-0.0205	-0.1441*
VAR35	0.4037**	-0.2469**	0.0637	-0.4320**	-0.3721**	-0.1939**	0.0459	-0.2343**	-0.2957**
VAR36	0.3092**	-0.1002	0.1503*	-0.2030**	-0.2126**	-0.1877**	0.1126	-0.0838	-0.1535*
VAR37	0.0165	0.1242	0.1113	0.3395**	0.2057**	0.1272	0.1659*	0.3015**	0.3054**
VAR38	-0.1232	0.2647**	-0.0041	0.2141**	0.2435**	0.1844*	0.0230	0.1682*	0.1393*
VAR39	0.4942**	-0.1226	0.1537*	-0.3402**	-0.2451**	-0.1957**	0.0819	-0.2224**	-0.1660*
VAR40	-0.0301	0.1160	0.0608	0.0579	0.1192	0.1076	0.1377	0.0919	0.0080
VAR41	0.1604*	-0.0168	0.2845**	0.0407	0.0343	0.1185	0.1966**	0.0775	0.0128
VAR42	-0.1057	0.2481**	0.1284	0.3335**	0.1730*	0.1330	0.2186**	0.2587**	0.1709*
VAR43	0.2875**	-0.1658*	0.0718	-0.3028**	-0.2559**	-0.1653*	0.0094	-0.1466*	-0.2201**
VAR44	0.3666**	0.0126	0.2914**	-0.1126	-0.0691	0.0637	0.2018**	-0.0485	-0.0244
VAR45	-0.1914**	0.2467**	-0.0121	0.2385**	0.2224**	0.2915**	0.0752	0.2678**	0.2829**
VAR46	0.2156**	-0.2431**	0.0178	-0.2249**	-0.2489**	-0.2092**	-0.0013	-0.1753*	-0.2432**
VAR47	-0.2082**	0.1705*	0.0461	0.3184**	0.2898**	0.2058**	0.1645*	0.3928**	0.2129**
VAR48	0.2437**	-0.1064	0.2205**	-0.1501*	-0.2149**	-0.0930	0.0707	-0.2149**	-0.0861
VAR49	-0.1378	0.2264**	0.0398	0.4278**	0.2776**	0.2342**	0.1238	0.1994**	0.3708**
VAR50	-0.2023**	0.2091**	0.0901	0.3521**	0.4145**	0.2527**	0.0301	0.3303**	0.3065**
VAR51	-0.1137	0.2601**	0.1099	0.3027**	0.3661**	0.3384**	0.0898	0.3173**	0.2489**
VAR52	0.1590*	-0.0757	0.2271**	0.0095	0.0617	0.0881	0.1048	0.0406	0.0135
VAR53	0.0936	0.2467**	0.0352	0.2131**	0.2451**	0.1797*	0.1101	0.2678**	0.2245**
VAR54	0.2934**	-0.1544*	0.0379	-0.2406**	-0.3311**	-0.1293	-0.0148	-0.1790*	-0.1611*
VAR55	0.3648**	-0.0132	0.2518**	-0.1708*	-0.1961**	-0.1226	0.1731*	-0.0872	-0.0748
VAR56	0.1293	-0.2179**	-0.0113	-0.2317**	-0.2021**	-0.1699*	-0.0123	-0.2021**	-0.2343**
VAR57	0.1349	-0.0577	0.5491**	0.0113	-0.0116	-0.0921	0.3717**	-0.0323	0.0290*
VAR58	0.3444**	-0.1094	0.3263**	-0.0887	-0.1819*	-0.1202	0.1470*	-0.0977	-0.0633
VAR59	-0.3391**	0.2813**	-0.0413	0.3402**	0.5826**	0.2237**	-0.0170	0.4095**	0.2497**
VAR60	0.0418	0.2112**	0.1459*	0.1640*	0.1682*	0.1103	0.1542*	0.1238	0.2716**
VAR61	-0.2400**	0.2248**	-0.0408	0.3585**	0.4100**	0.1501*	0.0286	0.4100**	0.2113**
VAR62	-0.0068	0.2854**	0.1863**	0.1141	0.1516*	0.2184**	0.2307**	0.1899**	0.2605**
VAR63	0.0986	0.1409*	0.0988	0.1804*	0.2559**	0.1460*	0.0747	0.0919	0.1497*
VAR64	1.0000	-0.1094	0.1876**	-0.2909**	-0.2280**	-0.1989**	0.1388*	-0.1113	-0.0669
VAR65	-0.1094	1.0000	-0.0609	0.3971**	0.3585**	0.2897**	-0.0152	0.2229**	0.3900**
VAR66	0.1876**	-0.0609	1.0000	-0.0143	0.0268	0.0472	0.4939**	0.0061	0.0535
VAR67	-0.2909**	0.3971**	-0.0143	1.0000	0.4615**	0.1845**	0.0665	0.3948**	0.4142**
VAR68	-0.2280**	0.3585**	0.0268	0.4615**	1.0000	0.2561**	0.0017	0.4644**	0.3431**
VAR69	-0.1989**	0.2897**	0.0472	0.1845**	0.2561**	1.0000	-0.0312	0.1933**	0.2184**
VAR70	0.1388*	-0.0152	0.4939**	0.0665	0.0017	-0.0312	1.0000	0.0933	0.0541
VAR71	-0.1113	0.2229**	0.0061	0.3948**	0.4644**	0.1933**	0.0932	1.0000	0.2665**
VAR72	-0.0669	0.3900**	0.0535	0.4142**	0.3431**	0.2184**	0.0541	0.2665**	1.0000
VAR73	0.0069	0.1303	0.0535	0.3131**	0.3902**	0.1103	0.1201	0.2570**	0.3287**
VAR74	-0.0905	0.2645**	-0.0111	0.3511**	0.4187**	0.2418**	-0.0116	0.3922**	0.2367**
VAR75	-0.1878**	0.2155**	0.0006	0.3804**	0.3939**	0.1635*	-0.0071	0.4222**	0.1664*
VAR76	-0.1604*	0.2525**	-0.1722*	0.2705**	0.3011**	0.3337**	-0.0427	0.1966**	0.2281**
VAR77	-0.0301	0.3651**	0.0419	0.1498*	0.2598**	0.2899**	0.0326	0.1466*	0.1849**
VAR78	0.0608	0.0367	0.1648*	0.1130	0.0874	0.0799	0.1695	0.0332	0.0760
VAR79	-0.0855	0.2484**	0.0824	0.1738*	0.2537**	0.2521**	0.0446	0.3030**	0.2249**
VAR80	-0.0738	0.2876**	-0.0016	0.1729*	0.3846**	0.1494*	0.0585	0.2533**	0.1937**
VAR81	0.3818**	-0.1307	0.1088	-0.3326**	-0.2763**	-0.1941**	0.0726	-0.1847**	-0.1719*

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR73 unkind	VAR74 unwanted	VAR75 upset	VAR76 weak	VAR77 weird	VAR78 like whining	VAR79 worried	VAR80 worthless	VAR81 wonderful
VAR1	-0.1588*	-0.1837**	-0.2550**	-0.2035**	-0.0822	-0.0184	-0.1925**	-0.2752**	0.3361**
VAR2	0.0148	-0.0182	-0.0441	-0.1133	0.0078	-0.0227	-0.0786	-0.1032	0.1619*
VAR3	0.1236	0.1479*	0.0860	0.1388*	-0.0242	0.1294	0.1351	-0.0030	-0.0041
VAR4	0.1868**	0.1751*	0.1676*	0.1310	-0.0025	0.1100	0.0341	0.1865**	-0.1278
VAR5	0.0517	0.1180	-0.0427	0.1464*	0.0587	0.1285	0.1503*	0.1679*	0.0801
VAR6	0.1736*	0.2408**	0.2596**	0.1775*	0.0700	0.1753*	0.1374	0.1933**	-0.1701*
VAR7	-0.0356	0.0854	-0.0497	-0.0882	0.1304	0.1249	-0.0087	0.0410	0.0674
VAR8	0.1127	0.2120**	0.1769*	0.0496	0.1021	0.0973	0.2300**	0.2988**	-0.1161
VAR9	0.1780*	0.2547**	0.2155**	0.2196**	0.1423*	0.1556*	0.1954**	0.1710*	-0.2382**
VAR10	0.3261**	0.1479*	0.1187	0.1096	0.1020	0.0355	0.1920**	0.1866**	-0.0833
VAR11	0.0742	0.0029	-0.0310	-0.0430	0.0769	0.1823*	-0.0222	0.0295	0.1167
VAR12	-0.1149	-0.1601*	-0.1036	-0.1259	-0.1326	-0.2433**	-0.0998	-0.1542*	0.0684
VAR13	-0.0727	-0.1583*	-0.2323**	-0.1926**	-0.0152	-0.0341	-0.1442*	-0.2276**	0.4104**
VAR14	0.1056	0.2616**	0.2703**	0.2038**	0.1245	0.0721	0.2388**	0.1901**	-0.1186
VAR15	-0.1349	-0.1179	-0.1571*	-0.1823*	-0.0856	-0.2813**	-0.0657	-0.2071**	0.1646*
VAR16	0.0851	0.1860**	0.1267	0.0132	0.0702	0.1106	0.1126	0.0241	-0.0392
VAR17	0.1807*	0.0317	0.0594	-0.0358	0.2054**	0.2007**	0.0569	0.0783	-0.1459*
VAR18	0.1443*	0.3671**	0.3463**	0.2801**	0.0345	0.1068	0.2080**	0.2493**	-0.0732
VAR19	0.2391**	0.2691**	0.3247**	0.1172	0.1496*	0.0474	0.1621*	0.1545*	-0.0903
VAR20	0.1238	0.1803*	0.1391*	0.1183	0.3652**	0.1145	0.1551*	0.1219	-0.1847**
VAR21	-0.0187	0.2562**	0.1438*	0.0192	0.0966	0.1179	0.0804	0.1663*	0.0010
VAR22	0.0076	0.0053	-0.0168	-0.1466*	0.0333	0.0022	0.0275	-0.0676	0.2620**
VAR23	0.4134**	0.2887**	0.2928**	0.1574*	0.1907**	0.2837**	0.2484**	0.3176**	-0.1724*
VAR24	0.2078**	0.1736*	0.1613*	0.0605	0.1945**	0.1891**	0.2700**	0.0521	-0.1764*
VAR25	-0.3236**	-0.2355**	-0.3127**	-0.1754*	-0.2597**	-0.2028**	-0.2010**	-0.2744**	0.4289**
VAR26	-0.3196**	-0.1469*	-0.2748**	-0.0569	-0.0812	-0.0770	-0.0244	-0.2392**	0.3056**
VAR27	0.3472**	0.1788*	0.1235	0.0248	0.1652*	0.0730	0.1571*	0.1960**	-0.0009
VAR28	0.0148	0.0148	0.0210	-0.0737	0.1810*	-0.0378	0.0227	0.0313	0.1481*
VAR29	0.3868**	0.3591**	0.3175**	0.2611**	0.1425*	0.2876**	0.2198**	0.3839**	-0.1847**
VAR30	-0.1114	-0.2506**	-0.2816**	-0.2154**	-0.0380	-0.0341	-0.1872**	-0.2562**	0.3905**
VAR31	-0.1225	-0.0944	-0.2366**	-0.1423*	-0.1418*	-0.0303	-0.0871	-0.1375	0.4793**
VAR32	0.2634**	0.3104**	0.3587**	0.1828*	0.1498*	0.1150	0.2015**	0.3935**	-0.3226**
VAR33	0.3457**	0.1961**	0.2345**	0.3745**	0.1492*	0.2097**	0.2116**	0.3190**	-0.2379**
VAR34	-0.1243	-0.0612	-0.0553	-0.0626	0.0939	0.1014	-0.0261	-0.0567	0.2475**
VAR35	-0.1371	-0.1799*	-0.3059**	-0.3144**	-0.0760	-0.0460	-0.2399**	-0.2383**	0.5050**
VAR36	-0.1469*	-0.1071	-0.1534*	-0.1870**	-0.1530*	-0.0532	-0.0318	-0.1651*	0.3031**
VAR37	0.3399**	0.1683*	0.2995**	0.0191	0.0993	0.0369	0.1226	0.1547*	-0.1905**
VAR38	0.1721*	0.2443**	0.3018**	0.1874**	0.1104	0.0817	0.1164	0.2605**	-0.1388*
VAR39	-0.1492*	-0.1225	-0.2670**	-0.2488**	-0.0879	-0.0398	-0.1864**	-0.2028**	0.5289**
VAR40	0.1336	0.1983**	0.1953**	0.0673	0.0710	0.0911	0.2328**	0.1425*	-0.2007**
VAR41	0.0806	0.0984	0.0795	-0.0678	0.0892	0.0620	0.0776	0.0080	0.1026
VAR42	0.1944**	0.1544*	0.3341**	0.0944	0.1754*	0.1439*	0.1514*	0.2609**	-0.1528*
VAR43	-0.2968**	-0.1253	-0.2473**	-0.1873**	-0.1454*	-0.0911	-0.1648*	-0.1726*	0.4949**
VAR44	0.0017	-0.0149	-0.0360	-0.0867	0.1353	0.0875	0.0123	-0.0315	0.1930**
VAR45	0.1492*	0.1832*	0.2454**	0.3085**	0.1713*	-0.0015	0.1111	0.1778*	-0.4068**
VAR46	-0.2697**	-0.1571*	-0.1870**	-0.2527**	-0.1601*	-0.0196	-0.0956	-0.1344	0.1899**
VAR47	0.2622**	0.4280**	0.3739**	0.2773**	0.1293	0.0298	0.3306**	0.3082**	-0.2833**
VAR48	-0.0726	-0.1788*	-0.1680*	-0.2004**	-0.0356	0.0302	-0.0255	-0.2104**	0.2916**
VAR49	0.3391**	0.0741	0.1386*	0.1708*	0.1231	0.0125	0.0749	0.0299	-0.2141**
VAR50	0.1861**	0.3172**	0.3196**	0.2309**	0.1634*	0.1580*	0.1847**	0.2803**	-0.2888**
VAR51	0.3025**	0.3694**	0.3216**	0.2900**	0.2450**	0.1935**	0.3331**	0.1845**	-0.1836**
VAR52	-0.0688	0.0545	0.0199	0.0394	0.0474	-0.0565	0.0813	0.0004	0.0898
VAR53	0.1492*	0.2034**	0.2022**	0.1890**	0.2130**	0.1226	0.3745**	0.1527*	-0.0054
VAR54	-0.0863	-0.1131	-0.2671**	-0.1846**	-0.1314	-0.0435	-0.1698*	-0.0985	0.3721**
VAR55	-0.1193	-0.1293	-0.1313	-0.2103**	-0.0200	0.0860	-0.0181	-0.1122	0.3629**
VAR56	-0.1100	-0.0697	-0.1190	-0.0584	-0.1592*	-0.0220	-0.1898**	-0.1692*	0.1960**
VAR57	0.0861	-0.0261	-0.0749	-0.2050**	-0.0686	0.0928	-0.0235	-0.1130	0.1520*
VAR58	-0.0220	-0.0661	-0.0336	-0.1982**	-0.0793	0.1779*	-0.0732	-0.0881	0.3379**
VAR59	0.1988**	0.3404**	0.3691**	0.2521**	0.3141**	0.0447	0.2539**	0.2988**	-0.3601**
VAR60	0.4037**	0.1205	0.1058	0.1144	0.1744*	-0.0493	0.1261	0.1098	-0.0518
VAR61	0.1401*	0.4589**	0.4902**	0.2541**	0.1729*	-0.0023	0.3403**	0.1772*	-0.2202**
VAR62	0.1573*	0.1344	0.0207	0.1233	0.2201**	0.0411	0.1932**	0.1837**	-0.0835
VAR63	0.1744*	0.2226**	0.1173	0.0[illegible]	0.1715*	0.1409*	0.1875**	0.0520	-0.0326
VAR64	0.0068	-0.0805	-0.1878**	-0.[illegible]	-0.0301	0.0608	-0.0865	-0.0738	0.3818**
VAR65	0.1303	0.2646**	0.2155**	0.2[illegible]**	0.3651**	0.0367	0.2484**	0.2876**	-0.1307
VAR66	0.0535	-0.0111	0.0006	-0.1727*	0.0419	0.1646*	0.0924	-0.0016	0.1088
VAR67	0.3131**	0.2511**	0.3904**	0.2705**	0.1498*	0.1150	0.1739*	0.1729*	-0.3226**
VAR68	0.3903**	0.4187**	0.3838**	0.3011**	0.2559**	0.0874	0.2537**	0.3846**	-0.2762**
VAR69	0.1103	0.2418**	0.1635*	0.3337**	0.2999**	0.0799	0.2521**	0.1494*	-0.1941**
VAR70	0.1201	-0.0116	-0.0071	-0.0427	0.0326	0.1089	0.0446	0.0585	0.0726
VAR71	0.2570**	0.3922**	0.4222**	0.1966**	0.1466*	0.0332	0.3030**	0.2533**	-0.1847**
VAR72	0.3287**	0.2367**	0.1664*	0.2281**	0.1849**	0.0760	0.2249**	0.1937**	-0.1719*
VAR73	1.0000	0.1996**	0.1802**	0.1533*	0.2152**	0.1303	0.0893	0.1098	-0.1542*
VAR74	0.1996**	1.0000	0.5011**	0.2334**	0.1739*	0.0233	0.4036**	0.5052**	-0.3124**
VAR75	0.1802**	0.5011**	1.0000	0.1633*	0.1173	0.0349	0.3559**	0.3175**	-0.3193**
VAR76	0.1533*	0.2334**	0.1633*	1.0000	0.0913	0.0860	0.1933**	0.2035**	-0.1981**
VAR77	0.2152**	0.1739*	0.1173	0.0913	1.0000	0.0811	0.2101**	0.2028**	-0.1167
VAR78	0.1303	0.0233	0.0349	0.0860	0.0811	1.0000	0.0012	0.1380	-0.0057
VAR79	0.0893	0.4036**	0.3559**	0.1933**	0.2101**	0.0012	1.0000	0.2742**	-0.1204
VAR80	0.1098	0.5052**	0.3175**	0.2035**	0.2028**	0.1380	0.2742**	1.0000	-0.2352**
VAR81	-0.1542*	-0.2124**	-0.3193**	-0.1981**	-0.1167	-0.0057	-0.1204	-0.2352**	1.0000

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

Table I

MALES GRADES 3, 4, 5, 6

PEARSON CORRELATION COEFFICIENTS

	VAR1 good	VAR2 active	VAR3 afraid	VAR4 empty	VAR5 ashamed	VAR6 awful	VAR7 healthful	VAR8 "blue"	VAR9 bored
VAR1	1.0000	0.0947	0.0133	-0.1862**	-0.0151	-0.2955**	0.0376	-0.1136	-0.2223**
VAR2	0.0947	1.0000	-0.0213	0.0003	-0.1367*	-0.0100	-0.1965**	-0.0028	-0.0325
VAR3	0.0133	-0.0213	1.0000	0.1401*	0.1548*	0.0473	0.0532	0.0906	0.1012
VAR4	-0.1862**	0.0003	0.1401*	1.0000	0.1384*	0.1113	0.0140	0.1299	0.1371*
VAR5	-0.0151	-0.1367*	0.1545*	0.1384*	1.0000	-0.0480	0.1681*	0.1325*	0.0582
VAR6	-0.2955**	-0.0100	0.0473	0.1113	-0.0480	1.0000	-0.0033	0.0806	0.1182
VAR7	0.0376	-0.1965**	0.0532	0.0140	0.1681*	-0.0033	1.0000	-0.0131	-0.0197
VAR8	-0.1136	-0.0028	0.0906	0.1299	0.1325*	0.0806	-0.0131	1.0000	0.0417
VAR9	-0.2223**	-0.0325	0.1012	0.1371*	0.0582	0.1182	-0.0197	0.0417	1.0000
VAR10	-0.1822**	0.0040	0.0532	0.2094**	0.0128	0.1565*	-0.0410	0.0601	0.1096
VAR11	0.0559	0.2224**	0.0515	0.0874	0.0103	0.1095	-0.0116	-0.0177	0.0029
VAR12	0.2018**	0.0690	-0.1487*	-0.1023	-0.1641*	-0.1677*	0.0250	0.0000	-0.0673
VAR13	0.4128**	0.1107	-0.0626	-0.1621*	-0.0960	-0.1922**	-0.0207	-0.0490	-0.1844**
VAR14	-0.1258	-0.0054	0.1789**	0.1833**	0.1665*	0.0580	0.0982	0.1258	0.1474*
VAR15	0.2568**	0.1483*	-0.1725*	-0.1953**	-0.1259	-0.1381*	0.0306	-0.0317	-0.2272**
VAR16	-0.1221	-0.0895	0.1822**	0.2173**	0.1526*	0.1980**	0.1617*	0.2909**	0.1654*
VAR17	-0.1903**	-0.0387	0.2167**	0.2114**	0.0269	0.1300	0.0574	0.0357	0.0639
VAR18	-0.1681*	0.0088	0.0240	0.1626*	0.1752**	0.2201**	0.0152	0.1929**	0.1406*
VAR19	-0.0953	-0.0921	0.1421*	0.2260**	0.0551	0.0896	0.0462	0.1175	0.1486*
VAR20	-0.1531*	-0.1170	0.0043	0.1073	0.1270	0.0905	0.0551	0.0899	0.0909
VAR21	0.0715	-0.0297	0.1456*	0.0318	0.1579*	0.0130	0.0906	0.0715	-0.0583
VAR22	0.1737*	0.1208	-0.0088	-0.1029	-0.0783	-0.0218	0.0479	0.0219	-0.0137
VAR23	-0.3214**	0.0267	0.1902**	0.3001**	0.1031	0.1432*	-0.0251	0.0831	0.2547**
VAR24	-0.1289	0.0073	0.2053**	0.1800**	-0.0471	0.0826	0.0625	0.0279	0.2126**
VAR25	0.3334**	0.1019	-0.1391*	-0.1967**	0.0170	-0.1200	-0.0643	-0.0914	-0.1250
VAR26	0.3128**	0.1561*	0.0544	-0.2305**	-0.0101	-0.1056	0.0358	0.0089	-0.0963
VAR27	-0.1822**	-0.0689	0.0532	0.3211**	0.1292	0.2364**	0.1042	0.0113	0.1414*
VAR28	0.0548	0.0908	-0.0144	0.0641	-0.0544	0.0944	0.0036	-0.0095	0.0975
VAR29	-0.1806**	-0.1214	0.1056	0.0790	0.1519*	0.1349*	-0.0112	0.1806**	0.1696*
VAR30	0.4344**	0.1582**	-0.0723	-0.1548*	-0.0653	-0.0802	-0.0168	-0.0030	-0.1727*
VAR31	0.4601**	0.1656*	-0.0121	-0.1014	-0.0905	-0.1351*	-0.0269	-0.0134	-0.1972**
VAR32	-0.3106**	-0.0947	0.0214	0.2707**	0.0933	0.1343*	0.0845	0.1126	0.1681*
VAR33	-0.4211**	-0.0621	0.1191	0.1978**	-0.0076	0.1739*	-0.0074	0.1022	0.1479*
VAR34	0.1304	0.0743	-0.0265	0.0167	-0.0657	0.0316	-0.0151	-0.0233	-0.0413
VAR35	0.4411**	0.1138	-0.0869	-0.1669*	-0.1031	-0.0920	0.0273	-0.0827	-0.2237**
VAR36	0.2697**	0.1570*	0.0134	-0.0820	0.0004	0.0106	-0.0493	0.0420	-0.1037
VAR37	-0.1460*	0.0278	0.0274	0.1910**	0.0361	0.0460	-0.0273	0.0616	0.1309
VAR38	-0.0437	-0.0759	0.1421*	0.1367*	0.1170	-0.0161	0.1097	0.0437	0.0565
VAR39	0.4414**	0.1283	-0.0216	-0.1203	-0.0735	-0.0465	0.0567	0.0131	-0.1966**
VAR40	0.0072	0.0715	0.1056	0.1585*	0.2261**	0.0576	0.0354	0.1337*	0.0318
VAR41	-0.0491	0.1438*	0.0101	0.0322	-0.0345	0.0475	0.1197	0.0299	0.0772
VAR42	-0.2066**	-0.0143	0.0532	0.1819**	0.0516	0.1032	-0.0168	0.0845	0.1772**
VAR43	0.3646**	0.1163	0.0452	-0.0966	0.0748	-0.0028	0.0285	0.1053	-0.0987
VAR44	0.0767	0.1688*	-0.0463	-0.0212	0.0054	0.0272	-0.0293	-0.0042	0.0627
VAR45	-0.1483*	-0.1167	0.1081	0.1504*	0.0781	0.0735	0.0275	0.0338	0.1874**
VAR46	0.2465**	0.1457*	-0.0082	-0.0591	-0.0610	-0.0483	0.0576	0.0330	-0.0449
VAR47	-0.1616*	-0.1438*	0.1580*	0.1434*	0.1394*	-0.0062	0.1108	0.1152	0.1039
VAR48	0.3269**	0.1659*	-0.0692	-0.0160	-0.0166	-0.0050	-0.0267	-0.0155	-0.1020
VAR49	-0.2287**	-0.1054	0.0876	0.2373**	0.0904	0.0766	0.0558	0.0113	0.2131**
VAR50	-0.3106**	-0.0212	0.0561	0.1299	0.0151	0.1880**	0.1089	0.0644	0.1862**
VAR51	-0.1590*	-0.1322*	0.1702*	0.0883	0.1981**	0.1538*	0.0493	0.0755	0.2090**
VAR52	0.0304	0.0106	-0.0057	0.0029	-0.0248	-0.0431	-0.0748	0.1078	-0.0449
VAR53	-0.0514	-0.0739	0.1796**	0.1370*	0.0511	0.1520*	0.1262	0.1325*	0.0412
VAR54	0.3611**	0.1630*	-0.1608*	-0.2593**	-0.1152	-0.1564*	-0.0961	-0.1015	-0.1509*
VAR55	0.1690*	0.1727*	0.0219	-0.0877	-0.1909**	0.0487	0.0352	-0.0818	0.0057
VAR56	0.2227**	0.1117	0.0372	-0.1122	-0.0282	-0.0590	-0.0654	0.0405	-0.0679
VAR57	0.0758	0.2086**	-0.0326	0.0710	-0.1184	0.0598	0.0788	0.0172	-0.0118
VAR58	0.2450**	0.1271	0.0547	-0.0652	-0.1386*	-0.0728	-0.0902	0.0312	-0.0516
VAR59	-0.3855**	-0.1140	0.1354*	0.3153**	0.2595**	0.2066**	0.0777	0.0825	0.1996**
VAR60	-0.1433*	-0.0654	0.1290	0.2762**	0.1752**	0.1118	0.0152	0.1184	0.1042
VAR61	-0.1645*	-0.1249*	0.1804**	0.2409**	0.1908**	0.1300	0.1085	0.1645*	0.1202
VAR62	-0.0857	-0.0177	0.0123	-0.0392	-0.0030	0.0467	0.0547	0.0585	0.1678*
VAR63	0.1089	-0.1090	0.2074**	0.0563	0.0175	0.1068	0.1281	0.1221*	-0.0510
VAR64	0.2375**	0.0876	-0.0516	-0.1058	-0.0374	-0.1047	-0.1036	-0.0055	-0.1068
VAR65	-0.0161	-0.0291	0.0252	0.0814	0.0675	0.0887	0.1152	0.1211	0.0777
VAR66	0.0657	0.2473**	-0.0770	0.0723	-0.1357*	0.0129	-0.0026	-0.0088	-0.0218
VAR67	-0.3561**	-0.0895	0.1322*	0.2307**	0.0349	0.1768**	0.0277	0.0592	0.2212**
VAR68	-0.2404**	-0.0722	0.0669	0.2307**	0.2557**	0.1768**	0.0277	0.2172**	0.1872**
VAR69	-0.0712	-0.0528	0.0833	0.0641	0.0936	0.1485*	0.0275	0.0531	0.2148**
VAR70	-0.0808	0.1234	-0.0576	0.0534	-0.1119	0.0146	0.1072	0.0452	-0.0248
VAR71	-0.0783	-0.0377	0.1648*	0.1513*	0.1453*	0.0758	0.0965	0.2867**	0.0853
VAR72	-0.2548**	-0.1183	0.1007	0.2298**	0.1426*	0.2034**	0.0234	0.1031	0.1955**
VAR73	-0.2888**	-0.0418	0.2195**	0.2920**	0.0488	0.1420*	0.0878	0.1299	0.1784**
VAR74	-0.1478*	-0.0724	0.2507**	0.1724*	0.1230	0.0950	0.1189	0.1719*	0.1776**
VAR75	-0.1846**	-0.0313	0.2121**	0.2353**	0.1462*	0.1810**	0.0276	0.2611**	0.1483*
VAR76	-0.1184	-0.1486*	0.0539	0.1837**	0.0867	0.1012	0.0869	0.0085	0.0648
VAR77	-0.0867	-0.1564*	0.1718*	0.0790	0.1141	0.4857**	0.0587	0.1806**	0.1868**
VAR78	-0.0053	-0.1855**	0.0642	0.1735*	0.1423*	0.1223	0.1835**	0.0513	0.0778
VAR79	-0.0831	-0.0419	0.2868**	0.0812	0.1031	0.1183	0.0881	0.1388*	0.1207
VAR80	-0.1288	-0.0819	0.1191	0.1271*	0.2036**	0.0870	0.0980	0.0756	0.2258**
VAR81	0.3547**	0.1958**	-0.0850	-0.2054**	-0.0889	-0.0862	0.0051	-0.0386	-0.2301**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR10 bossy	VAR11 brave	VAR12 calm	VAR13 cheerful	VAR14 confused	VAR15 cooperative	VAR16 like crying	VAR17 cruel	VAR18 disappointed
VAR1	-0.1822**	0.0589	0.2018**	0.4128**	-0.1258	0.2968**	-0.1221	-0.1903**	-0.1481*
VAR2	0.0040	0.2234**	0.0890	0.1107	-0.0054	0.1493*	-0.0898	-0.0387	0.0088
VAR3	0.0532	0.0515	-0.1487*	-0.0626	0.1799**	-0.1725*	0.1822**	0.2187**	0.0240
VAR4	0.2084**	0.0876	-0.1033	-0.1621*	0.1833**	-0.1953**	0.2173**	0.2114**	0.1628*
VAR5	0.0128	0.0103	-0.1641*	-0.0680	0.1665*	-0.1238	0.1526*	0.0269	0.1792**
VAR6	0.1565*	0.1096	-0.1677*	-0.1922**	0.0880	-0.1381*	0.1990**	0.1300	0.2201**
VAR7	-0.0410	-0.0116	0.0290	-0.0207	0.0982	0.0306	0.1617*	0.0874	0.0152
VAR8	0.0801	-0.0177	0.0000	-0.0480	0.1256	-0.0317	0.2308**	0.0357	0.1829**
VAR9	0.1056	0.0039	-0.0673	-0.1844**	0.1474*	-0.2272**	0.1654*	0.0838	0.1406*
VAR10	1.0000	0.1213	-0.1751**	-0.0590	0.0092	-0.1182	0.0341	0.3841**	0.0645
VAR11	0.1213	1.0000	-0.0392	0.1675*	0.0550	0.0103	0.0486	0.0702	-0.0046
VAR12	-0.1751**	-0.0392	1.0000	0.1205	-0.2258**	0.2271**	-0.1199	-0.2472**	-0.0810
VAR13	-0.0590	0.1675*	0.1205	1.0000	-0.2258**	0.2458**	-0.0921	-0.0991	-0.0913
VAR14	0.0092	0.0550	-0.2258**	-0.2258**	1.0000	-0.2607**	0.0893	0.1780**	0.1539*
VAR15	-0.1182	0.0103	0.2271**	0.2458**	-0.2607**	1.0000	-0.0733	-0.2040**	0.0372
VAR16	0.0341	0.0486	-0.1199	-0.0921	0.0893	-0.0733	1.0000	0.0930	0.1684*
VAR17	0.3841**	0.0702	-0.2472**	-0.0991	0.1780**	-0.2040**	0.0930	1.0000	-0.0644
VAR18	0.0645	-0.0046	-0.0810	-0.0913	0.1539*	0.0372	0.1684*	-0.0644	1.0000
VAR19	0.1340*	0.0308	-0.1218	-0.0836	0.2352**	-0.1281	0.1224	0.1232	0.0783
VAR20	0.1491*	0.0118	-0.1148	-0.1184	0.2219**	-0.1162	0.2086**	0.2407**	0.0839
VAR21	0.0433	-0.0679	-0.0366	0.0186	-0.0036	-0.0061	0.0692	0.0208	0.0761
VAR22	-0.0403	0.1879**	0.1507*	0.2233**	-0.0724	0.1720*	-0.0070	-0.0407	-0.0763
VAR23	0.3145**	0.0749	-0.1913**	-0.1851**	0.2422**	-0.1791**	0.0954	0.0719	0.2364**
VAR24	0.3226**	0.1931*	-0.0489	-0.0638	0.0812	-0.1088	0.1168	0.3739**	-0.0275
VAR25	0.2389**	0.0666	0.1640*	0.3021**	-0.1098	0.2054**	-0.0049	-0.1883**	-0.0523
VAR26	-0.2842**	0.0608	0.0882	0.2412**	0.0059	0.1950**	-0.0356	-0.2394**	0.0093
VAR27	0.3947**	0.0644	-0.1751**	-0.1164	0.1648*	-0.1182	0.1617*	0.2874**	0.1876**
VAR28	0.0407	0.1689*	0.0017	0.1112	0.1378*	0.0335	0.1696*	0.0245	0.0355
VAR29	0.1751**	-0.0007	-0.1358*	-0.0695	0.2017**	-0.1190	0.1464*	0.0629	0.2573**
VAR30	-0.2113**	0.0264	0.1790**	0.4088**	-0.1142	0.2453**	-0.0670	-0.1354*	-0.1076
VAR31	-0.1424*	0.0572	0.1755**	0.4520**	-0.1911**	0.2871**	-0.0957	-0.1257	-0.1369*
VAR32	0.3531**	0.0589	-0.1651*	-0.2198**	0.1482*	-0.1443*	0.1221	0.2676**	0.1433*
VAR33	0.2824**	0.0117	-0.0792	-0.2046**	0.0527	-0.0893	0.1021	0.2360**	0.1333*
VAR34	0.0026	0.2497**	0.0815	0.1129	0.0092	0.1101	0.0413	0.0841	-0.0497
VAR35	-0.1817**	0.0955	0.1414*	0.2890**	-0.1520*	0.2335**	-0.0260	-0.1120	-0.1521*
VAR36	-0.1266	0.0470	0.0799	0.2595**	-0.0180	0.1149	0.0383	-0.1697*	0.0265
VAR37	0.2654**	0.1576*	-0.1414*	-0.0343	0.1712*	-0.0890	0.0283	0.2224**	0.0458
VAR38	0.1097	-0.0065	-0.0375	-0.0160	0.0783	-0.0720	0.1493*	0.1410*	0.1674*
VAR39	-0.1499*	0.0878	0.1094	0.4594**	-0.1216	0.2070**	-0.0140	-0.1178	-0.1267
VAR40	0.0819	0.1271	-0.0696	-0.0655	0.1530*	-0.0236	0.1055	0.1120	0.1863**
VAR41	0.0238	0.0982	-0.0108	-0.0057	0.1519*	0.0286	0.0939	0.1022	0.0750
VAR42	0.2495**	0.1213	-0.0842	-0.0972	0.1426*	-0.0996	0.2043**	0.1085	0.1137
VAR43	-0.2248**	0.0188	0.1279	0.3034**	-0.0479	0.1426*	0.0194	-0.1948**	-0.0433
VAR44	0.0965	0.1587*	-0.0152	0.1896**	0.0753	0.0755	0.0755	-0.0423	0.0214
VAR45	0.1978**	-0.0431	-0.0551	-0.1624*	0.1901*	-0.1071	0.0851	0.2069**	0.1364*
VAR46	-0.1087	0.0979	0.0295	0.2310**	-0.0286	0.1131	0.0289	-0.1586*	-0.0485
VAR47	0.0438	-0.0849	-0.0213	-0.1314	0.1799**	-0.0573	0.1790**	0.1914**	0.1672*
VAR48	-0.0085	0.1415*	0.0239	0.2739**	-0.0322	0.0864	0.0412	-0.0525	-0.1150
VAR49	0.2847**	0.0454	-0.1751**	-0.1738*	0.1648*	-0.2111**	-0.0510	0.3385**	-0.0094
VAR50	0.0845	-0.0177	-0.1651*	-0.2777**	0.2826**	-0.0890	0.2079**	0.1645*	0.2675**
VAR51	0.1221*	0.0364	-0.1440*	-0.1039	0.2711**	-0.1569*	0.0611	0.1268	0.2497**
VAR52	0.0035	0.1328*	0.0	0.0742	0.0143	0.1037	-0.0326	0.0180	0.0148
VAR53	0.1262	0.0842	-0.0849	-0.1165	0.1873**	-0.0074	0.1542*	0.0814	0.0981
VAR54	-0.2248**	0.0161	0.2076**	0.2646**	-0.1555*	0.1892**	-0.1505*	-0.2438**	-0.0634
VAR55	0.0175	0.1670*	0.0599	0.1873**	-0.0590	0.1148	0.0710	-0.0132	-0.0885
VAR56	-0.1773**	-0.0143	0.1769**	0.1920**	-0.0252	0.1765**	-0.0095	-0.2269**	-0.0224
VAR57	0.1526*	0.4112**	0.0381	0.1094	0.0424	0.0514	0.0303	0.1004	0.0295
VAR58	-0.0171	0.1843**	0.0395	0.2596**	-0.0757	0.0851	-0.0268	-0.0607	-0.0683
VAR59	0.1933**	-0.0675	-0.2324**	-0.2240**	0.1951**	-0.2187**	0.1429*	0.2054**	0.1814**
VAR60	0.2122**	0.0147	-0.1590*	-0.0718	0.1539*	-0.0763	0.1684*	0.2215**	0.0731
VAR61	0.0319	-0.0298	-0.0360	-0.2002**	0.1948*	-0.0566	0.3176**	0.1089	0.1935**
VAR62	0.1629*	-0.0014	-0.0354	-0.0304	0.0141	-0.0539	0.0613	0.1070	0.0622
VAR63	0.0086	-0.0369	-0.0618	0.0504	-0.0237	-0.0645	0.0869	0.1219	-0.0158
VAR64	-0.0859	-0.0040	0.0615	0.3088**	-0.1045	0.2053**	0.0413	-0.1227	-0.0857
VAR65	0.0319	0.0641	-0.0254	-0.0950	0.0712	0.0128	0.0269	0.0965	0.1059
VAR66	0.0539	0.4321**	0.0018	0.1925*	-0.0044	0.0833	-0.0155	0.0580	-0.0933
VAR67	0.2343**	0.0826	-0.1725*	-0.2350**	0.1489*	-0.1035**	0.1407*	0.1922*	0.2000**
VAR68	0.0965	-0.0434	-0.1898**	-0.1261	0.1696*	-0.1758**	0.2214**	0.1922*	0.2232**
VAR69	0.1175	-0.0148	0.0203	0.0108	0.1448*	-0.0399	0.0771	0.0263	0.2073**
VAR70	0.1248	0.2163**	0.0498	0.0203	0.0560	0.0353	-0.0171	0.1468*	-0.0717
VAR71	0.1424*	0.0466	-0.1208	-0.0717	0.1906**	-0.0825	0.2214**	0.1764**	0.2000**
VAR72	0.2741**	0.0813	-0.1343*	-0.1249	0.1427*	-0.1293	0.1314	0.1534*	0.1842**
VAR73	0.2932**	0.0438	-0.1023	-0.1179	0.1065	-0.1739*	0.2173**	0.3882**	0.0774
VAR74	0.0713	0.0004	-0.0615	-0.1407*	0.1089	-0.0306	0.2381**	0.0747	0.2742**
VAR75	0.0276	0.0163	-0.1617*	-0.1521*	0.1718*	-0.0982	0.2680**	0.1051	0.3443**
VAR76	0.0324	-0.1148	-0.0845	-0.1235	0.0191	-0.0299	0.0163	-0.0029	0.1781**
VAR77	0.0354	0.0641	-0.0306	-0.1578*	0.0849	-0.0478	0.1464*	0.0629	0.0816
VAR78	0.0239	0.0340	-0.2334**	0.0244	0.1852**	-0.1337*	0.2581**	0.0757	0.0560
VAR79	0.0881	0.0748	-0.0993	-0.0956	0.1501*	-0.0398	0.0954	0.0480	0.2594**
VAR80	-0.0601	-0.0816	-0.1782**	-0.1213	0.1736*	-0.0488	0.1947**	0.0414	0.1601*
VAR81	-0.1340	0.1510*	0.1625*	0.4156**	-0.1775**	0.2497**	-0.0893	-0.1136	-0.1581*

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR19 disturbed	VAR20 dumb	VAR21 embarrassed	VAR22 excited	VAR23 fed-up	VAR24 like fighting	VAR25 fine	VAR26 friendly	VAR27 furious
VAR1	-0.0953	-0.1531*	0.0715	0.1737*	-0.3314**	-0.1299	0.3334**	0.3128**	-0.1822**
VAR2	-0.0921	-0.1170	-0.0297	0.1306	0.0267	0.0073	0.1019	0.1941*	-0.0688
VAR3	0.1421*	0.0043	0.1456*	-0.0088	0.1902**	0.2053**	-0.1291*	0.0844	0.0832
VAR4	0.2260**	0.1073	0.0318	-0.1029	0.3001**	0.1800**	-0.1967**	-0.2305**	0.3211**
VAR5	0.0851	0.1270	0.1573*	-0.0783	0.1031	-0.0471	0.0170	-0.0101	0.1292
VAR6	0.0896	0.0805	0.0130	-0.0218	0.1432*	0.0826	-0.1200	-0.1056	0.2264**
VAR7	0.0462	0.0551	0.0906	0.0479	-0.0251	0.0425	-0.0643	0.0398	0.1042
VAR8	0.1175	0.0699	0.0715	0.0219	0.0931	0.0279	-0.0814	0.0099	0.0113
VAR9	0.1496*	0.0809	-0.0583	-0.0137	0.2547**	0.2126**	-0.1290	-0.0963	0.1414*
VAR10	0.1340*	0.1491*	0.0433	-0.0403	0.3148**	0.3226**	-0.2389**	-0.2842**	0.3947**
VAR11	0.0308	0.0119	-0.0679	0.1875**	0.0748	0.1531*	0.0666	0.0609	0.0644
VAR12	-0.1216	-0.1148	-0.0266	0.1507*	-0.1915**	-0.0489	0.1640*	0.0882	-0.1751**
VAR13	-0.0636	-0.1184	0.0156	0.2223**	-0.1851**	-0.0638	0.3021**	0.2412**	-0.1164
VAR14	0.2352**	0.2219**	-0.0036	-0.0724	0.2422**	0.0912	-0.1098	0.0058	0.1648*
VAR15	-0.1281	-0.1162	-0.0061	0.1720*	-0.1791**	-0.1098	0.2084**	0.1950**	-0.1182
VAR16	0.1224	0.2086**	0.0692	-0.0070	0.0934	0.1168	-0.0049	-0.0356	0.1617*
VAR17	0.1232	0.2407**	0.0208	-0.0407	0.0718	0.3739**	-0.1883**	-0.1394**	0.2874**
VAR18	0.0783	0.0935	0.0761	-0.0763	0.3364**	-0.0275	-0.0523	0.0053	0.1876**
VAR19	1.0000	0.1292	-0.0321	-0.0081	0.1496*	0.1531*	-0.1597*	-0.1019	0.1559*
VAR20	0.1292	1.0000	0.0765	-0.0441	0.0873	0.2565**	-0.0695	-0.1136	0.2118**
VAR21	-0.0321	0.0765	1.0000	-0.1864**	0.0074	0.0456	-0.0710	-0.0347	-0.0276
VAR22	-0.0081	-0.0441	-0.1864**	1.0000	-0.1472*	0.0391	0.2545**	0.2033**	-0.0579
VAR23	0.1496*	0.0873	0.0074	-0.1472*	1.0000	0.2575**	-0.2877**	-0.2466**	0.2693**
VAR24	0.1531*	0.2565**	0.0456	0.0391	0.2575**	1.0000	-0.3278**	-0.2845**	0.3226**
VAR25	-0.1597*	-0.0695	-0.0710	0.2545**	-0.2877**	-0.3278**	1.0000	0.4047**	-0.1952**
VAR26	-0.1019	-0.1136	-0.0347	0.2033**	-0.2466**	-0.2845**	0.4047**	1.0000	-0.2842**
VAR27	0.1559*	0.2118**	-0.0276	-0.0579	0.2693**	0.3226**	-0.1952**	-0.2842**	1.0000
VAR28	0.1748**	0.0898	0.0030	0.2268**	0.0019	0.0802	0.0995	0.0543	0.0407
VAR29	0.2553**	0.1906**	0.0682	-0.0655	0.3912**	0.1118	-0.2502**	-0.1689*	0.1518*
VAR30	-0.0674	-0.1311	-0.0759	0.2894**	-0.3141**	-0.2306**	0.4289**	0.4864**	-0.1724*
VAR31	-0.1784**	-0.0736	-0.0094	0.3925**	-0.3370**	-0.1840**	0.4325**	0.3858**	-0.1231
VAR32	0.2060**	0.1215	0.0238	-0.1026	0.3443**	0.2701**	-0.2894**	-0.3559**	0.4263**
VAR33	0.1653*	0.0525	-0.0171	-0.1466*	0.3343**	0.2938**	-0.3038**	-0.4245**	0.2824**
VAR34	0.0717	-0.0183	-0.0432	0.2160**	0.0366	0.1179	0.0172	-0.0270	0.0911
VAR35	-0.0656	-0.1290	-0.0408	0.2916**	-0.3836**	-0.3124**	0.4753**	0.4479**	-0.1608*
VAR36	-0.1479*	-0.0510	-0.0126	0.1472*	-0.1066	-0.0929	0.3196**	0.3737**	-0.1459*
VAR37	0.1035	0.2102**	0.0204	0.0433	0.2076**	0.4680**	-0.1362*	-0.2636**	0.3072**
VAR38	0.1552*	0.1643*	0.1183	-0.0060	0.0691	0.1965*	-0.1507*	-0.1126	0.1801**
VAR39	-0.1260	-0.1014	0.0000	0.3095**	-0.2290**	-0.1727*	0.3387**	0.4099**	-0.1499*
VAR40	0.0231	0.0701	0.0909	-0.0316	0.0649	0.0348	0.0226	-0.0047	0.1052
VAR41	-0.0171	0.1209	0.0250	0.1607*	0.0633	0.0840	-0.0643	-0.0594	0.0046
VAR42	0.1998**	0.1178	-0.0039	0.0302	0.1334*	0.3226**	-0.1952**	-0.1989**	0.2979**
VAR43	-0.0193	-0.1091	-0.0165	0.1588*	-0.1579*	-0.2049**	0.2883**	0.3138**	-0.1335*
VAR44	0.0124	0.1206	-0.0322	0.2159**	0.0633	0.0765	0.0914	0.1623*	0.0426
VAR45	0.0858	0.1331*	0.0647	-0.0701	0.2053**	0.2187**	-0.1482*	-0.1572*	0.1978**
VAR46	-0.0936	-0.0614	-0.1052	0.1513*	-0.0991	-0.0512	0.2271**	0.1668*	-0.1087
VAR47	0.1906**	0.1167	0.0295	-0.0153	0.0470	0.0890	-0.0633	-0.1469*	0.1108
VAR48	-0.0028	-0.0891	0.0118	0.1973*	-0.0860	-0.0148	0.2422**	0.1326*	0.0278
VAR49	0.1120	0.1491*	-0.0039	-0.0799	0.2919**	0.3627**	-0.3043**	-0.2842**	0.3705**
VAR50	0.0953	0.1215	0.0477	-0.1281*	0.2301**	0.1894**	-0.1794**	-0.1622*	0.2065**
VAR51	0.1888**	0.1768**	0.1146	-0.0330	0.1597*	0.1464*	-0.1646*	-0.0889	0.1528*
VAR52	-0.0846	0.0604	0.0064	0.1062	-0.0249	-0.0830	0.0891	0.1411*	0.0231
VAR53	0.2485**	0.1558*	0.1079	0.0761	0.0741	0.1115	-0.1156	-0.0415	0.1663*
VAR54	-0.1258	-0.0611	-0.0903	0.2120**	-0.2517**	-0.2020**	0.4109**	0.3289**	-0.2033**
VAR55	-0.0920	-0.0432	-0.0119	0.1837**	-0.0327	-0.0030	0.2120**	0.1481*	-0.0536
VAR56	-0.1487*	-0.0462	-0.0091	0.1382*	-0.0258	-0.0987	0.1925**	0.2141**	-0.1773**
VAR57	0.0871	0.0362	0.0060	0.1982**	0.1284	0.2730**	-0.0260	0.0167	0.1187
VAR58	-0.0460	-0.0720	-0.0683	0.2306**	-0.0448	-0.0570	0.3029**	0.2404**	-0.0718
VAR59	0.2702**	0.1867**	0.0865	-0.1411*	0.3411**	0.1824**	-0.3274**	-0.2951**	0.2627**
VAR60	0.3019**	0.1253	-0.0200	-0.0942	0.1903**	0.2167**	-0.2299**	-0.2117**	0.2861**
VAR61	0.0537	0.1419*	0.1455*	-0.0779	0.2153**	0.1419*	-0.1193	-0.0817	0.1341*
VAR62	0.0324	0.0248	-0.0088	0.0077	0.0488	0.1561*	-0.1021	-0.0645	0.1355*
VAR63	0.1238*	-0.0231	0.1459*	0.0983	-0.0441	0.0523	-0.0768	0.0668	0.0385
VAR64	-0.0406	0.0962	0.0086	0.2679**	-0.1124	-0.1601*	0.2405**	0.2694**	-0.1213
VAR65	0.0992	0.1530*	0.0982	-0.0656	0.1057	0.1000	-0.1130	-0.0750	0.0844
VAR66	0.0067	-0.0794	-0.1685*	0.2484**	-0.0040	0.2108**	0.0857	0.0993	0.0539
VAR67	0.2016**	0.1826**	0.1046	-0.1153	0.2918**	0.2900**	-0.2174**	-0.2588**	0.2572**
VAR68	0.1600*	0.1828**	0.0598	-0.0618	0.1844**	0.1182	-0.1554*	-0.1779**	0.1883**
VAR69	0.1135	0.1693*	0.1113	0.1443*	0.1170	0.1400*	-0.0091	-0.0472	0.0895
VAR70	0.0243	0.0769	-0.1284	0.2012**	0.0637	0.2135**	0.0310	-0.0339	0.0895
VAR71	0.2433**	0.2422**	0.1046	-0.0317	0.1200	0.1761**	-0.1554*	-0.1172	0.1694*
VAR72	0.2707**	0.1981**	0.1346*	-0.0688	0.3025**	0.2938**	-0.2659**	-0.2473**	0.2741**
VAR73	0.2513**	0.2157**	0.0318	-0.0622	0.1956**	0.3415**	-0.2722**	-0.3043**	0.2932**
VAR74	0.1663*	0.2030**	0.0814	0.0292	0.1898**	0.1693*	-0.1189	-0.1025	0.1188
VAR75	0.2550**	0.1046	0.0659	-0.0498	0.2088**	0.1346*	-0.1362*	-0.1430*	0.1541*
VAR76	0.1612*	0.0987	0.0489	-0.0415	0.0286	-0.0163	-0.0346	-0.0705	-0.0221
VAR77	0.1920**	0.2208**	0.0237	0.0192	0.1081	0.1695*	-0.1243	-0.0868	0.0121
VAR78	0.1754**	0.1200	0.1002	0.0263	0.0613	0.0381	0.0864	-0.0116	0.1151
VAR79	0.2727**	0.1753**	0.0295	0.0506	0.1740*	0.1826**	-0.2061**	-0.0670	0.0891
VAR80	0.1653*	0.1548*	0.0600	-0.0807	0.1618*	0.0760	-0.0464	0.0167	0.0990
VAR81	-0.2304**	-0.1069	0.0060	0.2350**	-0.2184**	-0.1690*	0.2897**	0.2929**	-0.1793**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR28 giggly	VAR29 like giving-up	VAR30 glad	VAR31 great	VAR32 grouchy	VAR33 grumpy	VAR34 handsome/pretty	VAR35 happy	VAR36 helpful
VAR1	0.0648	-0.1806**	0.4344**	0.4601**	-0.3108**	-0.4211**	0.1304	0.4411**	0.2697**
VAR2	0.0808	-0.1214	0.1982**	0.1656*	-0.0947	-0.0631	0.0743	0.1138	0.1570*
VAR3	-0.0144	0.1056	-0.0733	-0.0121	0.0216	0.1191	-0.0266	-0.0889	0.0134
VAR4	0.0641	0.0790	-0.1548*	-0.1014	0.2707**	0.1978**	0.0167	-0.1669*	-0.0820
VAR5	-0.0544	0.1515*	-0.0853	-0.0905	0.0933	-0.0075	-0.0857	-0.1031	0.0004
VAR6	0.0844	0.1345*	-0.0802	-0.1251*	0.1342*	0.1739*	0.0318	-0.0920	0.0106
VAR7	0.0036	-0.0112	-0.0168	-0.0269	0.0845	-0.0074	-0.0151	0.0273	-0.0493
VAR8	-0.0086	0.1806**	-0.0030	-0.0134	0.1136	0.1022	-0.0233	-0.0827	0.0420
VAR9	0.0875	0.1696*	-0.1737*	-0.1972**	0.1681*	0.1479*	-0.0413	-0.2237**	-0.1037
VAR10	0.0407	0.1751**	-0.2113**	-0.1424*	0.3531**	0.2824**	0.0026	-0.1817**	-0.1266
VAR11	0.1689*	-0.0007	0.0264	0.0572	0.0589	0.0117	0.2457**	0.0555	0.0470
VAR12	0.0017	-0.1386*	0.1790**	0.1755**	-0.1651*	-0.0792	0.0815	0.1414*	0.0799
VAR13	0.1112	-0.0655	0.4089**	0.4520**	-0.2198**	-0.2046**	0.1129	0.3980**	0.2595**
VAR14	0.1376*	0.2017**	-0.1142	-0.1911**	0.1482*	0.0627	0.0082	-0.1520*	-0.0180
VAR15	0.0335	-0.1190	0.2453**	0.2871**	-0.1443*	-0.0893	0.1101	0.2335**	0.1149
VAR16	0.1696*	0.1464*	-0.0670	-0.0957	0.1221	0.1021	0.0413	-0.0283	0.0383
VAR17	0.0245	0.0629	-0.1354*	-0.1257	0.2676**	0.2360**	0.0641	-0.1120	-0.1697*
VAR18	0.0355	0.2573**	-0.1076	-0.1369*	0.1433*	0.1333*	-0.0497	-0.1521*	0.0365
VAR19	0.1748**	0.2553**	-0.0674	-0.1784**	0.2060**	0.1653*	0.0717	-0.0656	-0.1475*
VAR20	0.0898	0.1906**	-0.1311	-0.0736	0.1215	0.0525	-0.0183	-0.1290	-0.0510
VAR21	0.0030	0.0682	-0.0758	-0.0084	0.0238	-0.0171	-0.0432	-0.0408	-0.0126
VAR22	0.2268**	-0.0655	0.2894**	0.3925**	-0.1026	-0.1466*	0.2160**	0.2918**	0.1473*
VAR23	0.0019	0.3912**	-0.3141**	-0.3370**	0.3443**	0.3343**	0.0366	-0.3836**	-0.1066
VAR24	0.0902	0.1118	-0.2308**	-0.1840**	0.2701**	0.2938**	0.1179	-0.3124**	-0.0929
VAR25	0.0995	-0.2502**	0.4299**	0.4325**	-0.2894**	-0.3038**	0.0172	0.4753**	0.3156**
VAR26	0.0543	-0.1689*	0.4864**	0.3858**	-0.3559**	-0.4245**	-0.0270	0.4479**	0.3737**
VAR27	0.0407	0.1518*	-0.1724*	-0.1231	0.4263**	0.2824**	0.0911	-0.1608*	-0.1458*
VAR28	1.0000	0.0621	0.0129	0.1165	0.0662	0.0057	0.1948**	0.1233	0.0378
VAR29	0.0621	1.0000	-0.2884**	-0.2575**	0.1571*	0.2300**	-0.0442	-0.2521**	-0.0943
VAR30	0.0129	-0.2884**	1.0000	0.5285**	-0.3364**	-0.3483**	0.1326*	0.5916**	0.3950**
VAR31	0.1165	-0.2575**	0.5285**	1.0000	-0.3048**	-0.3160**	0.0841	0.5411**	0.3469**
VAR32	0.0662	0.1571*	-0.3364**	-0.3048**	1.0000	0.5008**	-0.0055	-0.3357**	-0.2113**
VAR33	0.0057	0.2300**	-0.3483**	-0.3160**	0.5008**	1.0000	-0.0370	-0.4726**	-0.2566**
VAR34	0.1948**	-0.0442	0.1326*	0.0841	-0.0055	-0.0370	1.0000	0.1293	-0.0223
VAR35	0.1233	-0.2521**	0.5916**	0.5411**	-0.3357**	-0.4726**	0.1293	1.0000	0.3298**
VAR36	0.0378	-0.0943	0.3950**	0.3469**	-0.2113**	-0.2566**	-0.0223	0.3298**	1.0000
VAR37	0.1812**	0.1114	-0.2222**	-0.1087	0.2936**	0.1995**	0.0998	-0.2236**	-0.2130**
VAR38	0.0688	0.2443**	-0.1076	-0.0971	0.1620*	0.1329*	-0.0694	-0.0966	-0.1193
VAR39	0.1581*	-0.1507*	0.5366**	0.5616**	-0.3278**	-0.3459**	0.1497*	0.5751**	0.3585**
VAR40	0.1157	0.1490*	-0.0453	-0.0538	0.0867	0.1033	0.0750	-0.0510	0.0543
VAR41	0.2467**	0.1058	-0.0907	-0.0303	0.0879	0.1452*	-0.0213	-0.0383	0.0110
VAR42	0.1892**	0.2915**	-0.2113**	-0.1039	0.1333*	0.2297**	0.1088	-0.1399*	-0.0686
VAR43	0.0170	-0.1817**	0.4752**	0.3296**	-0.2420**	-0.2838**	0.1081	0.4858**	0.3993**
VAR44	0.3876**	0.0236	0.1741*	0.1896**	-0.0404	-0.0788	0.1642*	0.1839**	0.1414*
VAR45	0.0587	0.2342**	-0.2499**	-0.2332**	0.1674*	0.2535**	-0.1281	-0.2804**	-0.1179
VAR46	0.0337	-0.1623*	0.2160**	0.2279**	-0.1720*	-0.1815**	0.1586*	0.2209**	0.2486**
VAR47	-0.0328	0.1516*	-0.1686*	-0.1209	0.1388*	0.1125	-0.1124	-0.1098	-0.0704
VAR48	0.2014**	-0.1324*	0.3496**	0.2576**	-0.1071	-0.1359*	0.2081**	0.3101**	0.3074**
VAR49	0.0593	0.1751**	-0.3279**	-0.1809**	0.2310**	0.3088**	-0.0328	-0.3699**	-0.2811**
VAR50	0.0288	0.2511**	-0.2971**	-0.3048**	0.4091**	0.3148**	-0.0233	-0.3568**	-0.1918**
VAR51	0.0257	0.2827**	-0.1606*	-0.1473*	0.1173	0.1468*	-0.0539	-0.1775**	-0.1186
VAR52	0.0423	-0.0043	0.1004	0.1437*	-0.0106	-0.0912	0.1971**	0.1404*	0.2335**
VAR53	0.0804	0.0769	-0.0748	-0.0776	0.1527*	0.0791	0.0383	-0.0574	-0.0820
VAR54	0.0983	-0.1734*	0.3389**	0.3247**	-0.2746**	-0.3131**	0.0897	0.3805**	0.2438**
VAR55	0.2853**	-0.1834**	0.2648**	0.2433**	-0.1511*	-0.1359*	0.2037**	0.3012**	0.2080**
VAR56	0.1002	-0.0328	0.2801**	0.1884**	-0.2603**	-0.2341**	0.0484	0.3344**	0.3725**
VAR57	0.1233	-0.0171	0.1076	0.1204	0.0544	0.0221	0.2870**	0.0576	0.0966
VAR58	0.1321*	-0.1422*	0.3054**	0.3300**	-0.1714*	-0.1442*	0.2807**	0.2596**	0.3364**
VAR59	0.0202	0.2775**	-0.2810**	-0.2686**	0.3622**	0.3761**	-0.1545*	-0.4054**	-0.2727**
VAR60	0.0355	0.1863**	-0.1670*	-0.0978	0.2923**	0.2673**	0.0043	-0.2797**	-0.2189**
VAR61	0.0833	0.3086**	-0.1969**	-0.1643*	0.1645*	0.1526*	-0.0293	-0.1782**	-0.0269
VAR62	0.1439*	0.0369	-0.0441	-0.0747	0.0585	0.1210	-0.0754	-0.0984	-0.0601
VAR63	0.0163	0.0232	0.0637	0.0[illegible]	0.0719	0.0050	0.0896	0.0238	-0.0275
VAR64	0.2219**	-0.0782	0.3600**	0.3[illegible]16**	-0.1840**	-0.2682**	0.1201	0.4350**	0.3167**
VAR65	-0.0644	0.1074	-0.1327*	-0.1529*	0.2050**	0.1504*	-0.0458	-0.1645*	-0.0909
VAR66	0.0958	-0.0637	0.1038	0.1482*	-0.0657	0.0194	0.2939**	0.0600	0.1084
VAR67	0.0844	0.1834**	-0.3659**	-0.2978**	0.2404**	0.3203**	-0.0452	-0.3980**	-0.3020**
VAR68	0.0492	0.1613*	-0.1631*	-0.1882**	0.2404**	0.2204**	-0.0116	-0.2196**	-0.1371*
VAR69	0.1445*	0.1651*	-0.0756	-0.0965	0.1257	0.1587*	0.0400	-0.0371	-0.0637
VAR70	0.1073	-0.0216	0.0300	0.0635	0.0452	0.0631	0.1417*	-0.0199	0.0148
VAR71	0.0668	0.2717**	-0.1631*	-0.1517*	0.1709*	0.1954**	0.0387	-0.0808	-0.1371*
VAR72	0.0686	0.2945**	-0.3024**	-0.1912**	0.3054**	0.3065**	-0.0672	-0.2732**	-0.1547*
VAR73	0.0427	0.1058	-0.2117**	-0.2124**	0.3551**	0.4105**	-0.1262	-0.3115**	-0.1933**
VAR74	0.0276	0.2789**	-0.2160**	-0.1288	0.1719*	0.1416*	-0.0514	-0.2105**	-0.0753
VAR75	0.0371	0.2528**	-0.2298**	-0.1789**	0.2611**	0.2027**	0.0164	-0.1933**	-0.1015
VAR76	0.0274	0.1729*	-0.1166	-0.1728*	0.0058	0.0373	-0.1251	-0.1285	-0.0454
VAR77	0.0800	0.1938**	-0.2136**	-0.1649*	0.1337*	0.1033	-0.0272	-0.1918**	-0.1315
VAR78	0.1477*	0.0807	-0.0285	-0.0002	0.0383	-0.0324	0.1460*	0.0227	0.0329
VAR79	0.0713	0.3476**	-0.1698*	-0.1569*	0.1159	0.2111**	0.0035	-0.1685*	-0.0885
VAR80	0.0461	0.3060**	-0.0944	-0.1483*	0.0491	0.0824	-0.0756	-0.1540*	-0.0253
VAR81	0.0960	-0.2830**	0.4778**	0.5018**	-0.3246**	-0.3287**	0.1781**	0.4079**	0.3614**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR37 like hitting	VAR38 ignored	VAR39 joyful	VAR40 jealous	VAR41 jumpy	VAR42 like kicking	VAR43 kind	VAR44 like laughing	VAR45 lazy
VAR1	-0.1460*	-0.0437	0.4414**	0.0072	-0.0491	-0.2066**	0.3648**	0.0767	-0.1483*
VAR2	0.0278	-0.0759	0.1283	0.0715	0.1438*	-0.0143	0.1163	0.1688*	-0.1167
VAR3	0.0274	0.1421*	-0.0216	0.1056	0.0101	0.0832	0.0452	-0.0463	0.1081
VAR4	0.1810**	0.1367*	-0.1203	0.1595*	0.0322	0.1815**	-0.0966	-0.0212	0.1504*
VAR5	0.0361	0.1170	-0.0735	0.2261**	-0.0345	0.0516	0.0748	0.0054	0.0791
VAR6	0.0460	-0.0161	-0.0465	0.0576	0.0475	0.1032	-0.0028	0.0272	0.0755
VAR7	-0.0273	0.1097	0.0567	0.0354	0.1187	-0.0168	0.0285	-0.0293	0.0275
VAR8	0.0616	0.0437	0.0131	0.1337*	0.0298	0.0845	0.1053	-0.0042	0.0338
VAR9	0.1309	0.0565	-0.1966**	0.0318	0.0772	0.1773**	-0.0987	0.0627	0.1874**
VAR10	0.2654**	0.1097	-0.1498*	0.0819	0.0238	0.2495**	-0.2348**	0.0965	0.1978**
VAR11	0.1576*	-0.0065	0.0878	0.1271	0.0982	0.1213	0.0188	0.1587*	-0.0431
VAR12	-0.1414*	-0.0375	0.1094	-0.0656	-0.0108	-0.0842	0.1275	-0.0152	-0.0551
VAR13	-0.0343	-0.0160	0.4594**	-0.0655	-0.0057	-0.0972	0.3034**	0.1856**	-0.1624*
VAR14	0.1712*	0.0783	-0.1216	0.1590*	0.1519*	0.1426*	-0.0475	0.0752	0.1501*
VAR15	-0.0890	-0.0720	0.2070**	-0.0296	0.0286	-0.0996	0.1426*	0.0755	-0.1071
VAR16	0.0283	0.1493*	-0.0140	0.1055	0.0839	0.2043**	0.0194	0.0755	0.0851
VAR17	0.2224**	0.1410*	-0.1178	0.1120	0.1022	0.1085	-0.1948**	-0.0423	0.2069**
VAR18	0.0458	0.1674*	-0.1267	0.1863**	0.0750	0.1137	-0.0433	0.0214	0.1364*
VAR19	0.1035	0.1552*	-0.1260	0.0231	-0.0171	0.1998**	-0.0192	0.0124	0.0859
VAR20	0.2102**	0.1643*	-0.1014	0.0701	0.1209	0.1178	-0.1091	0.1206	0.1331*
VAR21	0.0204	0.1183	0.0000	0.0909	0.0250	-0.0039	-0.0165	-0.0322	0.0647
VAR22	0.0433	-0.0060	0.3095**	-0.0316	0.1607*	0.0302	0.1588*	0.2159**	-0.0701
VAR23	0.2076**	0.0691	-0.2290**	0.0645	0.0633	0.1334*	-0.1575*	0.0633	0.2053**
VAR24	0.4680**	0.1565*	-0.1737*	0.0348	0.0840	0.3226**	-0.2049**	0.0765	0.2187**
VAR25	-0.1362*	-0.1507*	0.3397**	0.0226	-0.0643	-0.1952**	0.2883**	0.0914	-0.1482*
VAR26	-0.2636**	-0.1126	0.4099**	-0.0047	-0.0594	-0.1989**	0.5138**	0.1623*	-0.1572*
VAR27	0.3072**	0.1801**	-0.1499*	0.1052	0.0046	0.2979**	-0.1336*	0.0426	0.1978**
VAR28	0.1812**	0.0688	0.1581*	0.1157	0.2467**	0.1892**	0.0170	0.3876**	0.0587
VAR29	0.1114	0.2443**	-0.1507*	0.1490*	0.1058	0.2915**	-0.1817**	0.0236	0.2342**
VAR30	-0.2222**	-0.1076	0.5366**	-0.0453	-0.0907	-0.2113**	0.4752**	0.1741*	-0.2499**
VAR31	-0.1087	-0.0871	0.5616**	-0.0538	-0.0303	-0.1038	0.3296**	0.1896**	-0.2332**
VAR32	0.2936**	0.1620*	-0.3278**	0.0867	0.0879	0.1333*	-0.2420**	-0.0404	0.1674*
VAR33	0.1995**	0.1329*	-0.3459**	0.1033	0.1452*	0.2297**	-0.2838**	-0.0788	0.2535**
VAR34	0.0999	-0.0694	0.1497*	0.0750	-0.0213	0.1088	0.1081	0.1642*	-0.1281
VAR35	-0.2236**	-0.0966	0.5751**	-0.0510	-0.0383	-0.1399*	0.4858**	0.1839**	-0.2804**
VAR36	-0.2130**	-0.1193	0.3585**	0.0543	0.0110	-0.0686	0.3993**	0.1414*	-0.1179
VAR37	1.0000	-0.0047	-0.1859**	0.1315	0.1543*	0.3908**	-0.2759**	0.0955	0.1660*
VAR38	-0.0047	1.0000	-0.0850	0.0638	0.1122	0.0862	-0.0703	-0.0215	0.1134
VAR39	-0.1859**	-0.0850	1.0000	-0.0063	0.0258	-0.1499*	0.4584**	0.2212**	-0.1855**
VAR40	0.1315	0.0638	-0.0063	1.0000	0.0689	0.1751**	-0.0453	0.0409	0.1250
VAR41	0.1543*	0.1122	0.0258	0.0689	1.0000	0.1197	-0.0996	0.1759**	-0.0424
VAR42	0.3908**	0.0862	-0.1499*	0.1751**	0.1197	1.0000	-0.2348**	0.0785	0.1221
VAR43	-0.2759**	-0.0703	0.4584**	-0.0453	-0.0996	-0.2348**	1.0000	0.1000	-0.1731*
VAR44	0.0955	-0.0215	0.2212**	0.0409	0.1759**	0.0785	0.1000	1.0000	-0.1499*
VAR45	0.1660*	0.1134	-0.1855**	0.1250	-0.0424	0.1221	-0.1731*	-0.1499*	1.0000
VAR46	-0.0295	-0.0982	0.2919**	0.0331	-0.0463	-0.0902	0.3463**	0.1875**	-0.2226**
VAR47	0.0903	0.1568*	-0.2114**	0.1298	0.0274	0.1560*	-0.1575*	-0.1385*	0.2053**
VAR48	-0.0121	-0.0872	0.3300**	-0.0101	0.0800	-0.0267	0.2450**	0.1925**	-0.2351**
VAR49	0.4326**	0.0628	-0.2250**	0.0121	0.0814	0.2979**	-0.3361**	-0.0833	0.3114**
VAR50	0.1881**	0.1856**	-0.3467**	0.1337*	0.0685	0.2066**	-0.2216**	-0.0404	0.2819**
VAR51	0.2311**	0.1481*	-0.1897**	0.1632*	0.1265	0.2149**	-0.1952**	-0.0100	0.2674**
VAR52	-0.0728	0.0389	0.1331*	0.0710	0.1318*	0.0231	0.1684*	0.2434**	-0.1059
VAR53	0.0921	0.1410*	-0.0081	0.0769	0.1688*	0.1864**	-0.0082	-0.0067	0.0361
VAR54	-0.2138**	-0.1168	0.3011**	-0.1115	0.0032	-0.2248**	0.3237**	0.1249	-0.2304**
VAR55	-0.0106	-0.0895	0.2917**	-0.0131	0.1992**	0.0352	0.1564*	0.4089**	-0.1603*
VAR56	-0.1895**	-0.0210	0.2266**	-0.0328	0.0094	-0.0468	0.4120**	0.1532*	-0.1411*
VAR57	0.1972**	0.0480	0.1436*	0.1071	0.1483*	0.1341*	-0.0286	0.2474**	-0.0014
VAR58	-0.0230	-0.1851**	0.3031**	-0.0193	0.0818	-0.0171	0.2885**	0.1908**	-0.1786**
VAR59	0.2457**	0.2611**	-0.3052**	0.0774	0.0629	0.1240	-0.2335**	-0.1036	0.3171**
VAR60	0.2585**	0.1197	-0.1076	0.0910	0.0164	0.2369**	-0.1875**	-0.0335	0.2327**
VAR61	0.1341*	0.2153**	-0.1772**	0.2595**	0.1022	0.1852**	-0.0665	-0.0233	0.2269**
VAR62	0.0984	0.0925	-0.0747	0.0488	0.1399*	0.1086	-0.1212	0.0955	0.1462*
VAR63	0.0278	0.0841	0.0187	0.0580	0.0228	0.0086	0.0649	-0.0226	0.1047
VAR64	-0.0988	-0.0523	0.4243**	-0.0612	0.0629	-0.1036	0.4043**	0.3087**	-0.2388**
VAR65	0.0567	0.0927	-0.1636*	0.1074	-0.1816**	-0.0305	-0.1309	0.0425	0.1600*
VAR66	0.1838**	-0.0883	0.1750**	0.0449	0.1557*	0.1104	0.0540	0.2022**	-0.0140
VAR67	0.3187**	0.0776	-0.2794**	0.0720	0.1116	0.2572**	-0.3807**	-0.0415	0.1836**
VAR68	0.2196**	0.1888**	-0.1726*	0.1612*	0.0023	0.1883**	-0.1502*	-0.0245	0.2733**
VAR69	0.1614*	0.1384*	-0.0064	0.1305	0.1662*	0.0635	-0.0091	0.1112	0.2766**
VAR70	0.3096**	0.0208	0.0648	0.0803	0.2522**	0.1601*	-0.1038	0.1902**	-0.0045
VAR71	0.1403*	0.1443*	-0.1013	0.2055**	0.1480*	0.1424*	-0.0542	-0.0415	0.1836**
VAR72	0.2948**	0.2273**	-0.1806**	0.1498*	0.0684	0.2992**	-0.2854**	-0.0378	0.2886**
VAR73	0.2874**	0.1637*	-0.2286**	0.0790	0.2093**	0.2653**	-0.2835**	-0.1041	0.2159**
VAR74	0.0253	0.3078**	-0.2462**	0.1643*	0.0498	0.1665*	-0.1612*	-0.0430	0.2759**
VAR75	0.1715*	0.2091**	-0.1299	0.2041**	0.1354*	0.2301**	-0.0817	-0.0494	0.1393*
VAR76	-0.0362	0.0717	-0.1459*	-0.0106	0.0616	0.0052	-0.1284	-0.0976	0.1759**
VAR77	0.0913	0.1540*	-0.0785	0.0818	0.1981**	0.0818	-0.1622*	-0.0110	0.2524**
VAR78	0.0167	0.0954	0.0820	0.0907	0.0692	0.0695	0.0464	0.1043	0.0163
VAR79	0.0903	0.1788**	-0.0534	0.1516*	0.1531*	0.3145**	-0.1007	0.0801	0.2230**
VAR80	-0.0053	0.2605**	-0.0802	0.0780	0.0616	0.0980	-0.0413	-0.0005	0.1711*
VAR81	-0.1053	-0.1664*	0.4868**	-0.0171	0.0021	-0.1424*	0.3417**	0.2063**	-0.3185**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR46 liked	VAR47 lonely	VAR48 lucky	VAR49 mean	VAR50 miserable	VAR51 mixed-up	VAR52 needed	VAR53 nervous	VAR54 okay
VAR1	0.2465**	-0.1616*	0.3269**	-0.3287**	-0.3106**	-0.1590*	0.0304	-0.0514	0.3611**
VAR2	0.1457*	-0.1438*	0.1659*	-0.1054	-0.0212	-0.1323*	0.0106	-0.0739	0.1630*
VAR3	-0.0082	0.1580*	-0.0692	0.0876	0.0561	0.1702*	-0.0057	0.1796**	-0.1608*
VAR4	-0.0581	0.1434*	-0.0160	0.2373**	0.1299	0.0883	0.0029	0.1370*	-0.2593**
VAR5	-0.0610	0.1394*	-0.0166	0.0904	0.0151	0.1981**	-0.0249	0.0511	-0.1152
VAR6	-0.0483	-0.0062	-0.0050	0.0766	0.1880**	0.1538*	-0.0431	0.1520*	-0.1564*
VAR7	0.0576	0.1108	-0.0267	0.0558	0.1089	0.0493	-0.0748	0.1262	-0.0961
VAR8	0.0330	0.1159	-0.0155	0.0113	0.0644	0.0785	0.1078	0.1325*	-0.1015
VAR9	-0.0449	0.1039	-0.1020	0.2131**	0.1862**	0.2080**	-0.0449	0.0412	-0.1509*
VAR10	-0.1087	0.0428	-0.0085	0.3947**	0.0845	0.1321*	0.0035	0.1262	-0.2248**
VAR11	0.0879	-0.0849	0.1415*	0.0454	-0.0177	0.0364	0.1326*	0.0542	0.0161
VAR12	0.0295	-0.0213	0.0239	-0.1751**	-0.1651*	-0.1440*	0.07	-0.0849	0.2076**
VAR13	0.2310**	-0.1314	0.2739**	-0.1738*	-0.2777**	-0.1059	0.0742	-0.1165	0.2646**
VAR14	-0.0286	0.1799**	-0.0322	0.1648*	0.2826**	0.3711**	0.0143	0.1873**	-0.1555*
VAR15	0.1131	-0.0573	0.0964	-0.2111**	-0.0880	-0.1569*	0.1037	-0.0074	0.1852**
VAR16	0.0289	0.1750**	0.0413	-0.0510	0.2079**	0.0611	-0.0326	0.1542*	-0.1506*
VAR17	-0.1556*	0.1914**	-0.0525	0.3385**	0.1645*	0.1268	0.0180	0.0814	-0.2438**
VAR18	-0.0485	0.1673*	-0.1150	-0.0094	0.2675**	0.2497**	0.0148	0.0981	-0.0634
VAR19	-0.0836	0.1906**	-0.0028	0.1120	0.0953	0.1888**	-0.0846	0.2485**	-0.1258
VAR20	-0.0614	0.1167	-0.0891	0.1491*	0.1215	0.1768**	0.0604	0.1558*	-0.0611
VAR21	-0.1052	0.0295	0.0118	-0.0039	0.0477	0.1146	0.0064	0.1079	-0.0803
VAR22	0.1513*	-0.0153	0.1573*	-0.0755	-0.1381*	-0.0330	0.1082	0.0761	0.2120**
VAR23	-0.0991	0.0470	-0.0860	0.2919**	0.2301**	0.1597*	-0.0249	0.0741	-0.2517**
VAR24	-0.0512	0.0890	-0.0148	0.3627**	0.1894**	0.1464*	-0.0830	0.1115	-0.2020**
VAR25	0.2271**	-0.0633	0.2422**	-0.3043**	-0.1794**	-0.1646*	0.0891	-0.1156	0.4109**
VAR26	0.1668*	-0.1469*	0.1326*	-0.2842**	-0.1622*	-0.0889	0.1411*	-0.0415	0.3289**
VAR27	-0.1087	0.1108	0.0278	0.3705**	0.2066**	0.1528*	0.0231	0.1663*	-0.2033**
VAR28	0.0337	-0.0328	0.2014**	0.0593	0.0288	0.0257	0.0423	0.0804	0.0983
VAR29	-0.1623*	0.1516*	-0.1324*	0.1751**	0.2511**	0.2827**	-0.0043	0.0769	-0.1734*
VAR30	0.2160**	-0.1686*	0.3496**	-0.3279**	-0.2971**	-0.1606*	0.1004	-0.0748	0.3389**
VAR31	0.2278**	-0.1209	0.2576**	-0.1809**	-0.3048**	-0.1473*	0.1437*	-0.0776	0.3247**
VAR32	-0.1720*	0.1388*	-0.1071	0.2310**	0.4091**	0.1173	-0.0106	0.1527*	-0.2746**
VAR33	-0.1815**	0.1125	-0.1359*	0.3088**	0.3148**	0.1468*	-0.0912	0.0791	-0.3131**
VAR34	0.1586*	-0.1124	0.2081**	-0.0328	-0.0233	-0.0539	0.1971**	0.0383	0.0897
VAR35	0.2209**	-0.1098	0.3101**	-0.3699**	-0.3568**	-0.1775**	0.1404*	-0.0574	0.3805**
VAR36	0.2486**	-0.0704	0.3074**	-0.2811**	-0.1918**	-0.1186	0.2335**	-0.0820	0.2438**
VAR37	-0.0295	0.0903	-0.0121	0.4326**	0.1881**	0.2311**	-0.0728	0.0921	-0.2138**
VAR38	-0.0982	0.1568*	-0.0872	0.0628	0.1856**	0.1491*	0.0389	0.1410*	-0.1168
VAR39	0.2919**	-0.2114**	0.3300**	-0.2250**	-0.3467**	-0.1897**	0.1331*	-0.0081	0.3011**
VAR40	0.0331	0.1298	-0.0101	0.0121	0.1337*	0.1632*	0.0710	0.0769	-0.1115
VAR41	-0.0463	0.0274	0.0800	0.0814	0.0685	0.1265	0.1318*	0.1688*	0.0032
VAR42	-0.0902	0.1560*	-0.0267	0.2979**	0.2066**	0.2149**	0.0231	0.1864**	-0.2248**
VAR43	0.3463**	-0.1575*	0.2450**	-0.3361**	-0.2216**	-0.1952**	0.1684*	-0.0082	0.3237**
VAR44	0.1875**	-0.1385*	0.1925**	-0.0833	-0.0404	-0.0100	0.2434**	-0.0067	0.1249
VAR45	-0.2226**	0.2053**	-0.2351**	0.3114**	0.2819**	0.2674**	-0.1059	0.0361	-0.2304**
VAR46	1.0000	-0.2547**	0.2464**	-0.2010**	-0.1534*	-0.1446*	0.1605*	-0.0414	0.2716**
VAR47	-0.2547**	1.0000	-0.2050**	0.1334*	0.2073**	0.2759**	0.0117	0.0553	-0.1514*
VAR48	0.2464**	-0.2050**	1.0000	-0.2265**	-0.2536**	-0.1556*	0.1657*	-0.1563*	0.2681**
VAR49	-0.2010**	0.1334*	-0.2265**	1.0000	0.1822**	0.2149**	-0.0748	0.0458	-0.3749**
VAR50	-0.1534*	0.2073**	-0.2536**	0.1822**	1.0000	0.2217**	-0.0304	0.0514	-0.2962**
VAR51	-0.1446*	0.2759**	-0.1556*	0.2149**	0.2217**	1.0000	-0.0481	0.2026**	-0.2589**
VAR52	0.1605*	0.0117	0.1657*	-0.0748	-0.0304	-0.0481	1.0000	-0.0950	0.1196
VAR53	-0.0414	0.0553	-0.1563*	0.0458	0.0514	0.2026**	-0.0950	1.0000	-0.2244**
VAR54	0.2716**	-0.1514*	0.2681**	-0.3749**	-0.2962**	-0.2589**	0.1196	-0.2244**	1.0000
VAR55	0.1769**	-0.0824	0.2665**	-0.0888	-0.0797	-0.1029	0.2647**	-0.0390	0.0775
VAR56	0.2037**	-0.1130	0.1719*	-0.2518**	-0.2039**	-0.1291	0.2052**	-0.0269	0.2057**
VAR57	0.0925	-0.0612	0.2268**	0.0604	0.0358	0.0803	0.1495*	0.0391	0.0389
VAR58	0.3599**	-0.1814**	0.3631**	-0.1267	-0.2082**	-0.1519*	0.1984**	-0.0628	0.2153**
VAR59	-0.2961**	0.2114**	-0.2289**	0.3782**	0.2690**	0.3155**	-0.0844	0.1481*	-0.3521**
VAR60	-0.0861	0.0521	-0.0781	0.3600**	0.2426**	0.1022	-0.0449	0.0776	-0.3035**
VAR61	-0.1166	0.3348**	-0.1483*	0.0830	0.3449**	0.3017**	0.0800	0.1026	-0.3343**
VAR62	-0.0766	-0.0268	0.0075	0.0817	0.0857	0.1379*	0.0279	0.0030	-0.0439
VAR63	0.0338	0.1236	0.0526	0.0086	0.0417	0.1504*	0.0613	0.1540*	-0.0942
VAR64	0.3072**	-0.1786**	0.2878**	-0.2452**	-0.2911**	-0.1750**	0.1827**	-0.0058	0.3093**
VAR65	-0.0396	0.1251	-0.1622*	-0.0097	0.1630*	0.2970**	-0.0099	0.1908**	-0.1166
VAR66	0.1396*	-0.0920	0.1950**	0.0727	-0.0277	-0.0329	0.1749**	-0.0434	0.0385
VAR67	-0.1828**	0.0985	-0.2036**	0.3261**	0.3330**	0.1908**	-0.0890	0.0850	-0.2842**
VAR68	-0.1653*	0.2059**	-0.2036**	0.2802**	0.2635**	0.2890**	-0.0519	0.1802**	-0.3656**
VAR69	0.0456	0.1843**	-0.0689	0.0635	0.1620*	0.2400**	0.0004	0.1166	-0.0059
VAR70	0.1213	0.0142	0.0824	0.1778**	0.0630	0.0358	0.1402*	0.0747	-0.0571
VAR71	0.0099	0.2488**	-0.1002	0.0965	0.1941**	0.2694**	0.0966	0.1612*	-0.2029**
VAR72	-0.2350**	0.1556*	-0.1878**	0.3243**	0.2042**	0.2644**	-0.0749	0.2563**	-0.2963**
VAR73	-0.1230	0.2217**	-0.1626*	0.3769**	0.2707**	0.2077**	-0.0648	0.1833**	-0.3335**
VAR74	-0.1488*	0.3235**	-0.2093**	0.0951	0.3160**	0.3037**	0.0696	0.1139	-0.1699*
VAR75	-0.0701	0.3035**	-0.1967**	0.1541*	0.3377**	0.3153**	0.0735	0.1171	-0.2366**
VAR76	-0.1263	0.1815**	-0.1637*	0.1141	0.1184	0.1684*	-0.0316	0.0994	-0.0737
VAR77	-0.1446*	0.1734*	-0.1498*	0.1052	0.0867	0.2827**	0.0333	0.1929**	-0.0496
VAR78	-0.0189	0.0939	0.0780	0.0695	0.1203	-0.0296	0.0907	0.0417	0.0049
VAR79	-0.0819	0.2588**	-0.2220**	0.1108	0.2073**	0.2953**	0.0300	0.2432**	-0.2316**
VAR80	-0.1815**	0.2850**	-0.1359*	0.0453	0.1819**	0.2144**	-0.0273	0.1665*	-0.1263
VAR81	0.2894**	-0.2682**	0.3652**	-0.2530**	-0.2803**	-0.2352**	0.1196	-0.0886	0.3002**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR55 playful	VAR56 polite	VAR57 powerful	VAR58 proud	VAR59 rotten	VAR60 rude	VAR61 sad	VAR62 sassy	VAR63 shy
VAR1	0.1690*	0.2227**	0.0758	0.2450**	-0.3855**	-0.1433*	-0.1645*	-0.0857	0.1089
VAR2	0.1727*	0.1117	0.2098**	0.1271	-0.1140	-0.0654	-0.1349*	-0.0177	-0.1090
VAR3	0.0219	0.0372	-0.0326	0.0547	0.1354*	0.1290	0.1804**	0.0123	0.2074**
VAR4	-0.0877	-0.1122	0.0710	-0.0652	0.3153**	0.2762**	0.2409**	-0.0382	0.0563
VAR5	-0.1809**	-0.0382	-0.1184	-0.1386*	0.2595**	0.1752**	0.1908**	-0.0030	0.0175
VAR6	0.0487	-0.0590	0.0558	-0.0728	0.2066**	0.1118	0.1300	0.0667	0.1068
VAR7	0.0352	-0.0654	0.0788	-0.0902	0.0777	0.0152	0.1085	0.0547	0.1281
VAR8	-0.0618	0.0405	0.0172	0.0312	0.0825	0.1184	0.1645*	0.0585	0.1321*
VAR9	0.0057	-0.0679	-0.0119	-0.0516	0.1956**	0.1042	0.1202	0.1676*	-0.0510
VAR10	0.0175	-0.1773**	0.1526*	-0.0171	0.1933**	0.2122**	0.0319	0.1625*	0.0086
VAR11	0.1670*	-0.0143	0.4112**	0.1843**	-0.0675	0.0147	-0.0299	-0.0014	-0.0369
VAR12	0.0599	0.1769**	0.0381	0.0398	-0.2324**	-0.1550*	-0.0360	-0.0354	-0.0618
VAR13	0.1873**	0.1920**	0.1094	0.2596**	-0.2240**	-0.0718	-0.2002**	-0.0304	0.0504
VAR14	-0.0590	-0.0252	0.0424	-0.0787	0.1961**	0.1539*	0.1546*	0.0141	-0.0237
VAR15	0.1148	0.1765**	0.0514	0.0551	-0.2187**	-0.0763	-0.0666	-0.0639	-0.0645
VAR16	0.0710	-0.0095	0.0303	-0.0269	0.1435*	0.1684*	0.3176**	0.0613	0.0869
VAR17	-0.0132	-0.2269**	0.1004	-0.0607	0.2054**	0.2215**	0.1099	0.1070	0.1219
VAR18	-0.0885	-0.0224	0.0295	-0.0683	0.1814**	0.0731	0.1955**	0.0623	-0.0158
VAR19	-0.0920	-0.1487*	0.0871	-0.0460	0.2702**	0.3015**	0.0537	0.0324	0.1339*
VAR20	-0.0432	-0.0462	0.0362	-0.0720	0.1867**	0.1253	0.1415*	0.0248	-0.0231
VAR21	-0.0115	-0.0091	0.0060	-0.0683	0.0865	-0.0200	0.1455*	-0.0088	0.1459*
VAR22	0.1837**	0.1382*	0.1982**	0.2306**	-0.1411*	-0.0942	-0.0779	0.0077	0.0983
VAR23	-0.0327	-0.0258	0.1284	-0.0448	0.3411**	0.1903**	0.2153**	0.0488	-0.0441
VAR24	-0.0030	-0.0987	0.2730**	-0.0570	0.1824**	0.2167**	0.1415*	0.1561*	0.0523
VAR25	0.2120**	0.1925**	-0.0260	0.3029**	-0.3274**	-0.2299**	-0.1193	-0.1021	-0.0766
VAR26	0.1481*	0.3141**	0.0167	0.2404**	-0.2651**	-0.2117**	-0.0817	-0.0645	0.0668
VAR27	-0.0534	-0.1773**	0.1157	-0.0719	0.2627**	0.2861**	0.1341*	0.1355*	0.0385
VAR28	0.2853**	0.1002	0.1233	0.1321*	0.0202	0.0355	0.0833	0.1439*	0.0163
VAR29	-0.1834**	-0.0328	-0.0171	-0.1422*	0.2775**	0.1863**	0.3086**	0.0369	0.0232
VAR30	0.2648**	0.2801**	0.1076	0.3054**	-0.2810**	-0.1670*	-0.1969**	-0.0441	0.0637
VAR31	0.2433**	0.1884**	0.1204	0.3300**	-0.2686**	-0.0978	-0.1663*	-0.0787	0.0224
VAR32	-0.1511*	-0.2603**	0.0544	-0.1714*	0.3622**	0.2923**	0.1645*	0.0585	0.0719
VAR33	-0.1358*	-0.2341**	0.0221	-0.1442*	0.3761**	0.2673**	0.1526*	0.1210	0.0050
VAR34	0.2037**	0.0484	0.2870**	0.2807**	-0.1545*	0.0043	-0.0293	-0.0754	0.0996
VAR35	0.3012**	0.3344**	0.0576	0.2596**	-0.4054**	-0.2797**	-0.1782**	-0.0984	0.0238
VAR36	0.2080**	0.3725**	0.0966	0.3364**	-0.2727**	-0.2189**	-0.0269	-0.0601	-0.0275
VAR37	-0.0106	-0.1895**	0.1972**	-0.0230	0.2457**	0.2585**	0.1341*	0.0984	0.0278
VAR38	-0.0895	-0.0210	0.0480	-0.1851**	0.2611**	0.1197	0.2153**	0.0925	0.0841
VAR39	0.2917**	0.2266**	0.1436*	0.3031**	-0.3052**	-0.1076	-0.1772**	-0.0747	0.0187
VAR40	-0.0131	-0.0328	0.1071	-0.0193	0.0774	0.0916	0.2595**	0.0628	0.0520
VAR41	0.1992**	0.0094	0.1483*	0.0818	0.0629	0.0164	0.1022	0.1399*	0.0228
VAR42	0.0352	-0.0468	0.1341*	-0.0171	0.1240	0.2369**	0.1852**	0.1086	0.0086
VAR43	0.1564*	0.4120**	-0.0286	0.2885**	-0.2335**	-0.1875**	-0.0665	-0.1212	0.0643
VAR44	0.4089**	0.1532*	0.2474**	0.1808**	-0.1036	-0.0335	-0.0233	0.0955	-0.0226
VAR45	-0.1603**	-0.1411*	-0.0014	-0.1786**	0.3171**	0.2327**	0.2269**	0.1462*	0.1047
VAR46	0.1769**	0.2037**	0.0925	0.3599**	-0.2961**	-0.0861	-0.1166	-0.0766	0.0338
VAR47	-0.0824	-0.1130	-0.0612	-0.1814**	0.2114**	0.0521	0.3348**	-0.0268	0.1236
VAR48	0.2665**	0.1719*	0.2268**	0.3631**	-0.2289**	-0.0781	-0.1483*	0.0075	0.0526
VAR49	-0.0888	-0.2518**	0.0604	-0.1267	0.3782**	0.3600**	0.0830	0.0817	0.0086
VAR50	-0.0797	-0.2039**	0.0358	-0.2082**	0.2690**	0.2426**	0.3449**	0.0857	0.0417
VAR51	-0.1029	-0.1291	0.0803	-0.1519*	0.3155**	0.1022	0.3017**	0.1379*	0.1504*
VAR52	0.2647**	0.2052**	0.1495*	0.1984**	-0.0844	-0.0449	0.0800	0.0279	0.0613
VAR53	-0.0390	-0.0269	0.0391	-0.0628	0.1481*	0.0776	0.1026	0.0030	0.1540*
VAR54	0.0775	0.2057**	0.0389	0.2153**	-0.3521**	-0.3035**	-0.3343**	-0.0439	-0.0942
VAR55	1.0000	0.1757**	0.2919**	0.3793**	-0.2084**	-0.1605*	-0.0693	0.0798	0.0319
VAR56	0.1757**	1.0000	-0.0287	0.2854**	-0.2045**	-0.2689**	-0.0301	-0.1288	-0.0898
VAR57	0.2919**	-0.0287	1.0000	0.1871**	-0.0811	-0.0456	-0.0163	0.0492	0.0586
VAR58	0.3793**	0.2854**	0.1871**	1.0000	-0.3265**	-0.0497	-0.1764**	-0.0811	0.0238
VAR59	-0.2084**	-0.2045**	-0.0811	-0.3265**	1.0000	0.3460**	0.3274**	0.1106	0.0203
VAR60	-0.1605*	-0.2689**	-0.0456	-0.0497	0.3460**	1.0000	0.1176	0.1445*	0.1362*
VAR61	-0.0693	-0.0301	-0.0163	-0.1764**	0.3274**	0.1176	1.0000	0.0501	0.1850**
VAR62	0.0798	-0.1288	0.0492	-0.0811	0.1106	0.1445*	0.0501	1.0000	-0.0217
VAR63	0.0319	-0.0898	0.0586	0.0238	0.0203	0.1362*	0.1850**	-0.0217	1.0000
VAR64	0.2555**	0.3891**	0.0578	0.2941**	-0.2559**	-0.1577*	-0.1787**	-0.1344*	0.0122
VAR65	-0.1103	-0.1031	0.1226	-0.1427*	0.1019	0.0424	0.1524*	0.0720	0.1793**
VAR66	0.2710**	-0.0144	0.5504**	0.2808**	-0.1653*	0.0233	-0.0413	0.0273	-0.0299
VAR67	-0.0986	-0.3032**	0.0654	-0.1274	0.2877**	0.3401**	0.1764**	0.1578*	0.0741
VAR68	-0.0986	-0.1441*	0.0305	-0.1967**	0.4412**	0.2934**	0.3460**	0.0812	0.0458
VAR69	-0.0442	-0.0176	-0.0176	-0.0447	0.1227	0.0791	0.1883**	0.0380	0.0906
VAR70	0.2520**	-0.0525	0.4769**	0.1706*	-0.0293	0.0001	-0.0023	0.0043	-0.0226
VAR71	-0.0146	-0.1264	-0.0220	-0.0408	0.2439**	0.2000**	0.3218**	0.0301	0.1308
VAR72	-0.1249	-0.1903**	0.0929	-0.1213	0.3607**	0.3627**	0.1005	0.1540*	0.0208
VAR73	-0.0469	-0.2842**	0.0710	-0.1495*	0.3953**	0.4466**	0.2114**	0.2713**	0.1597*
VAR74	-0.0368	-0.0704	0.0359	-0.0935	0.2732**	0.1531*	0.4016**	0.0739	0.1498*
VAR75	-0.0603	-0.1207	0.0677	-0.0813	0.3684**	0.2155**	0.4524**	0.0180	0.2115**
VAR76	-0.0677	-0.0535	-0.1651*	-0.1513*	0.2466**	0.0950	0.1985**	0.0150	0.1158
VAR77	-0.0642	-0.1762**	0.0716	-0.1422*	0.2330**	0.0916	0.1366*	0.1146	0.1094
VAR78	0.1097	0.0032	0.0538	0.0689	0.0860	0.1023	0.0516	0.0268	0.0990
VAR79	0.0004	-0.0433	0.0767	-0.0448	0.2114**	0.1443*	0.3587**	0.0488	0.2075**
VAR80	-0.1166	0.0094	0.0021	-0.1243	0.3006**	0.0261	0.2817**	0.0331	0.0375
VAR81	0.2784**	0.2127**	0.1996**	0.3540**	-0.3804**	-0.1581*	-0.2110**	-0.0944	0.0586

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR64 like smiling	VAR65 strange	VAR66 strong	VAR67 bad-tempered	VAR68 terrible	VAR69 tired	VAR70 tough	VAR71 trapped	VAR72 unfriendly
VAR1	0.2375**	-0.0161	0.0657	-0.3561**	-0.2404**	-0.0712	-0.0808	-0.0783	-0.2548**
VAR2	0.0876	-0.0291	0.2473**	-0.0895	-0.0722	-0.0528	0.1234	-0.0377	-0.1183
VAR3	-0.0518	0.0252	-0.0770	0.1322*	0.0669	0.0833	-0.0576	0.1648*	0.1007
VAR4	-0.1058	0.0914	0.0723	0.2307**	0.2307**	0.0641	0.0534	0.1513*	0.2299**
VAR5	-0.0374	0.0675	-0.1357*	0.0349	0.2557**	0.0936	-0.1119	0.1453*	0.1426*
VAR6	-0.1047	0.0887	0.0129	0.1768**	0.1768**	0.1485*	0.0146	0.0758	0.2034**
VAR7	-0.1036	0.1152	-0.0026	0.0277	0.0277	0.0275	0.1072	0.0965	0.0234
VAR8	-0.0055	0.1211	-0.0088	0.0552	0.2172**	0.0531	0.0452	0.2867**	0.1031
VAR9	-0.1068	0.0777	-0.0218	0.2212**	0.1872**	0.2148**	-0.0248	0.0853	0.1955**
VAR10	-0.0859	0.0319	0.0539	0.2343**	0.0965	0.1175	0.1248	0.1424*	0.2741**
VAR11	-0.0040	0.0641	0.4321**	0.0826	-0.0434	-0.0148	0.3163**	0.0466	0.0813
VAR12	0.0815	-0.0254	0.0018	-0.1725*	-0.1898**	0.0203	0.0498	-0.1208	-0.1343*
VAR13	0.3088**	-0.0950	0.1525*	-0.2350**	-0.1261	0.0108	0.0203	-0.0717	-0.1249
VAR14	-0.1045	0.0712	-0.0044	0.1485*	0.1696*	0.1446*	0.0560	0.1906**	0.1427*
VAR15	0.2053**	0.0128	0.0533	-0.1935**	-0.1759**	-0.0259	0.0353	-0.0525	-0.1293
VAR16	0.0413	0.0265	-0.0155	0.1407*	0.2214**	0.0771	-0.0171	0.2214**	0.1314
VAR17	-0.1227	0.0865	0.0580	0.1522*	0.1522*	0.0363	0.1468*	0.1764**	0.1534*
VAR18	-0.0857	0.1059	-0.0533	0.2000**	0.2233**	0.2073**	-0.0717	0.2000**	0.1842**
VAR19	-0.0406	0.0892	0.0067	0.2016**	0.1600*	0.1136	0.0243	0.2433**	0.2707**
VAR20	0.0962	0.1530*	-0.0794	0.1828**	0.1828**	0.1693*	0.0769	0.2422**	0.1981**
VAR21	0.0086	0.0982	-0.1685*	0.1046	0.0598	0.1113	-0.1264	0.1046	0.1346*
VAR22	0.2675**	-0.0556	0.2484**	-0.1153	-0.0818	0.1443*	0.2013**	-0.0317	-0.0588
VAR23	-0.1124	0.1057	-0.0040	0.2918**	0.1844**	0.1170	0.0637	0.1200	0.2025**
VAR24	-0.1601*	0.1000	0.2108**	0.2900**	0.1192	0.1400*	0.2135**	0.1761**	0.2938**
VAR25	0.2408**	-0.1130	0.0557	-0.2174**	-0.1554*	-0.0091	0.0310	-0.1554*	-0.2659**
VAR26	0.2694**	-0.0750	0.0993	-0.2588**	-0.1779**	-0.0472	-0.0339	-0.1172	-0.2473**
VAR27	-0.1213	0.0944	0.0539	0.2572**	0.1883**	0.0995	0.0895	0.1654*	0.2741**
VAR28	0.2219**	-0.0644	0.0958	0.0844	0.0492	0.1449*	0.1073	0.0668	0.0686
VAR29	-0.0782	0.1074	-0.0637	0.1834**	0.1613*	0.1651*	-0.0216	0.2717**	0.2945**
VAR30	0.3600**	-0.1327*	0.1038	-0.3659**	-0.1631*	-0.0756	0.0300	-0.1631*	-0.3024**
VAR31	0.3516**	-0.1529*	0.1482*	-0.2978**	-0.1882**	-0.0865	0.0635	-0.1517*	-0.1912**
VAR32	-0.1840**	0.2050**	-0.0657	0.2404**	0.2404**	0.1257	0.0452	0.1709*	0.3054**
VAR33	-0.2682**	0.1504*	0.0194	0.3203**	0.2204**	0.1587*	0.0631	0.1954**	0.3065**
VAR34	0.1201	-0.0458	0.2939**	-0.0452	-0.0116	0.0400	0.1417*	0.0387	-0.0672
VAR35	0.4350**	-0.1645*	0.0600	-0.3980**	-0.2196**	-0.0371	-0.0199	-0.0808	-0.2732**
VAR36	0.3167**	-0.0909	0.1084	-0.3020**	-0.1371*	-0.0637	0.0148	-0.1371*	-0.1547*
VAR37	-0.0988	0.0567	0.1838**	0.3187**	0.2196**	0.1614*	0.3096**	0.1403*	0.2948*
VAR38	-0.0523	0.0927	-0.0883	0.0776	0.1888**	0.1384*	0.0205	0.1443*	0.2273**
VAR39	0.4243**	-0.1636*	0.1750**	-0.2794**	-0.1726*	-0.0064	0.0648	-0.1013	-0.1806**
VAR40	-0.0612	0.1074	0.0449	0.0730	0.1613*	0.1305	0.0803	0.2055**	0.1498*
VAR41	0.0629	0.1816**	0.1557*	0.1116	0.0023	0.1662*	0.2527**	0.1480*	0.0684
VAR42	-0.1036	-0.0305	0.1104	0.2572**	0.1883**	0.0635	0.1601*	0.1424*	0.2992**
VAR43	0.4043**	-0.1309	0.0540	-0.3807**	-0.1502*	-0.0091	-0.1039	-0.0542	-0.2854**
VAR44	0.3087**	0.0425	0.2022**	-0.0415	-0.0245	0.1112	0.1902**	-0.0415	-0.0378
VAR45	-0.2388**	0.1600*	-0.0140	0.1836**	0.2733**	0.2766**	-0.0045	0.1836**	0.2886**
VAR46	0.3072**	-0.0396	0.1396*	-0.1828**	-0.1653*	0.0456	0.1213	0.0099	-0.2350**
VAR47	-0.1786**	0.1251	-0.0920	0.0985	0.2058**	0.1843**	0.0142	0.2488**	0.1556*
VAR48	0.2878**	-0.1622*	0.1950**	-0.2036**	-0.2036**	-0.0689	0.0824	-0.1002	-0.1878**
VAR49	-0.2452**	-0.0097	0.0727	0.3261**	0.2802**	0.0635	0.1778**	0.0965	0.3243**
VAR50	-0.2811**	0.1630*	-0.0277	0.3330**	0.2635**	0.1620*	0.0630	0.1941**	0.2042**
VAR51	-0.1750**	0.2870**	-0.0329	0.1908**	0.2890**	0.2400**	0.0358	0.2694**	0.2644**
VAR52	0.1827**	-0.0099	0.1749**	-0.0890	-0.0519	0.0004	0.1402*	0.0966	-0.0749
VAR53	-0.0058	0.1908**	-0.0434	0.0850	0.1802**	0.1166	0.0747	0.1612*	0.2563**
VAR54	0.3093**	-0.1166	0.0385	-0.2842**	-0.3656**	-0.0059	-0.0571	-0.2029**	-0.2963**
VAR55	0.2555**	-0.1103	0.2710**	-0.0986	-0.0986	-0.0442	0.2520**	-0.0146	-0.1249
VAR56	0.3891**	-0.1031	-0.0144	-0.3032**	-0.1441*	-0.0176	-0.0525	-0.1264	-0.1903**
VAR57	0.0578	0.1226	0.5504**	0.0654	0.0305	-0.0176	0.4769**	-0.0220	0.0929
VAR58	0.2941**	-0.1427*	0.2808**	-0.1274	-0.1967**	-0.0447	0.1706*	-0.0408	-0.1213
VAR59	-0.2559**	0.1019	-0.1653*	0.2877**	0.4412**	0.1227	-0.0293	0.2439**	0.3607**
VAR60	-0.1577*	0.0424	0.0233	0.3401**	0.2934**	0.0791	0.0001	0.2000**	0.3627**
VAR61	-0.1787**	0.1524*	-0.0413	0.1764**	0.3460**	0.1883**	-0.0023	0.3218**	0.1005
VAR62	-0.1344*	0.0720	0.0273	0.1578*	0.0812	0.0380	0.0043	0.0301	0.1540*
VAR63	0.0122	0.1793**	-0.0299	0.0741	0.0458	0.0906	-0.0226	0.1308	0.0208
VAR64	1.0000	-0.1218	0.0600	-0.2969**	-0.1794**	-0.0258	0.0643	-0.0787	-0.2321**
VAR65	-0.1218	1.0000	-0.0545	0.0769	0.1163	0.2628**	0.0886	0.1755**	0.1394*
VAR66	0.0600	-0.0545	1.0000	0.0737	-0.0691	0.0160	0.4978**	0.0201	0.0306
VAR67	-0.2969**	0.0769	0.0737	1.0000	0.1730*	0.0810	0.1639*	0.1948**	0.3548**
VAR68	-0.1794**	0.1163	-0.0691	0.1730*	1.0000	0.1834**	-0.0202	0.1948**	0.3310**
VAR69	-0.0258	0.2628**	0.0160	0.0810	0.1834**	1.0000	0.0259	0.2346**	0.1699*
VAR70	0.0643	0.0886	0.4978**	0.1639*	-0.0202	0.0259	1.0000	-0.0034	0.0721
VAR71	-0.0787	0.1755**	0.0201	0.1948**	0.1948**	0.2346**	-0.0034	1.0000	0.2359**
VAR72	-0.2321**	0.1394*	0.0306	0.3548**	0.3310**	0.1699*	0.0721	0.2359**	1.0000
VAR73	-0.2078**	0.1154	0.0072	0.5218**	0.3101**	0.1471*	0.1551*	0.3101**	0.3744**
VAR74	-0.1559*	0.2061**	-0.0091	0.1772**	0.3353**	0.1546*	-0.0150	0.2224**	0.2133**
VAR75	-0.1502*	0.1459*	0.0048	0.2904**	0.3864**	0.2166**	0.0260	0.4104**	0.2268**
VAR76	-0.2048**	0.1017	-0.2124**	0.0609	0.1901**	0.1883**	-0.0857	0.2159**	0.2162**
VAR77	-0.1123	0.4075**	0.0449	0.2055**	0.1613*	0.2517**	0.0633	0.2276**	0.2463**
VAR78	0.0960	-0.0066	0.0612	0.1895**	0.1247	0.0228	-0.0112	0.1031	0.0892
VAR79	-0.1124	0.2224**	0.0489	0.2059**	0.2059**	0.2012**	0.0637	0.3132**	0.2259**
VAR80	-0.0370	0.1277	-0.0420	0.0954	0.2204**	0.1587*	-0.0330	0.1204	0.2246**
VAR81	0.4218**	-0.1468*	0.1633*	-0.1968**	-0.2317**	-0.1547*	0.1274	-0.1968**	-0.2126**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR73 unkind	VAR74 unwanted	VAR75 upset	VAR76 weak	VAR77 weird	VAR78 like whining	VAR79 worried	VAR80 worthless	VAR81 wonderful
VAR1	-0.2988**	-0.1478*	-0.1846**	-0.1184	-0.0867	-0.0053	-0.0931	-0.1288	0.3547**
VAR2	-0.0418	-0.0724	-0.0313	-0.1486*	-0.1564*	-0.1855**	-0.0415	-0.0819	0.1959**
VAR3	0.2195**	0.2507**	0.2121**	0.0539	0.1718*	0.0642	0.2868**	0.1191	-0.0850
VAR4	0.2920**	0.1724*	0.2353**	0.1837**	0.0790	0.1736*	0.0912	0.1371*	-0.3054**
VAR5	0.0488	0.1230	0.1462*	0.0867	0.1141	0.1423*	0.1031	0.2036**	-0.0889
VAR6	0.1420*	0.0950	0.1810**	0.1012	0.1857**	0.1223	0.1183	0.0870	-0.0862
VAR7	0.0978	0.1189	0.0276	0.0869	0.0587	0.1835**	0.0881	0.0980	0.0051
VAR8	0.1299	0.1718*	0.2611**	0.0085	0.1806**	0.0513	0.1388*	0.0756	-0.0386
VAR9	0.1784**	0.1776**	0.1488*	0.0568	0.1868**	0.0778	0.1207	0.2259**	-0.2301**
VAR10	0.2932**	0.0712	0.0276	0.0324	0.0354	0.0239	0.0881	-0.0601	-0.1240
VAR11	0.0436	0.0004	0.0163	-0.1149	0.0541	0.0340	0.0749	-0.0916	0.1510*
VAR12	-0.1023	-0.0515	-0.1617*	-0.0845	-0.0306	-0.2334**	-0.0893	-0.1782**	0.1628*
VAR13	-0.1179	-0.1407*	-0.1521*	-0.1235	-0.1575*	0.0244	-0.0956	-0.1213	0.4156**
VAR14	0.1065	0.1099	0.1718*	0.0191	0.0949	0.1852**	0.1591*	0.1736*	-0.1775**
VAR15	-0.1739*	-0.0306	-0.0982	-0.0299	-0.0475	-0.1337*	-0.0399	-0.0488	0.2497**
VAR16	0.2173**	0.2391**	0.2680**	0.0163	0.1464*	0.2581**	0.0954	0.1947**	-0.0993
VAR17	0.3882**	0.0747	0.1051	-0.0029	0.0629	0.0757	0.0480	0.0414	-0.1136
VAR18	0.0774	0.2742**	0.3443**	0.1781**	0.0916	0.0560	0.2594**	0.1601*	-0.1581*
VAR19	0.2513**	0.1663*	0.2550**	0.1612*	0.1920**	0.1754**	0.2727**	0.1653*	-0.2304**
VAR20	0.2157**	0.2030**	0.1046	0.0987	0.2208**	0.1200	0.1753**	0.1548*	-0.1069
VAR21	0.0318	0.0814	0.0659	0.0488	0.0227	0.1002	0.0295	0.0600	0.0060
VAR22	-0.0622	0.0292	-0.0498	-0.0415	0.0192	0.0263	0.0506	-0.0507	0.2250**
VAR23	0.1956**	0.1898**	0.2088**	0.0286	0.1081	0.0513	0.1740*	0.1618*	-0.2164**
VAR24	0.3415**	0.1693*	0.1346*	-0.0163	0.1695*	0.0381	0.1826**	0.0760	-0.1690*
VAR25	-0.2722**	-0.1189	-0.1362*	-0.0346	-0.1243	0.0964	-0.2061**	-0.0664	0.2897**
VAR26	-0.3043**	-0.1025	-0.1430*	-0.0705	-0.0868	-0.0116	-0.0670	0.0167	0.2929**
VAR27	0.2932**	0.1189	0.1541*	-0.0221	0.0121	0.1151	0.0881	0.0980	-0.1793**
VAR28	0.0427	0.0276	0.0371	0.0274	0.0800	0.1477*	0.0713	0.0451	0.0950
VAR29	0.1058	0.2789**	0.2528**	0.1729*	0.1938**	0.0907	0.3476**	0.3060**	-0.2830**
VAR30	-0.3117**	-0.2160**	-0.2298**	-0.1166	-0.2136**	-0.0285	-0.1686*	-0.0944	0.4778**
VAR31	-0.2124**	-0.1288	-0.1789**	-0.1728*	-0.1648*	-0.0002	-0.1569*	-0.1483*	0.5018**
VAR32	0.3551**	0.1719*	0.2611**	0.0359	0.1337*	0.0283	0.1159	0.0491	-0.2246**
VAR33	0.4105**	0.1416*	0.2027**	0.0373	0.1033	-0.0324	0.2111**	0.0824	-0.2387**
VAR34	-0.1262	-0.0514	0.0164	-0.1251	-0.0272	0.1460*	0.0035	-0.0756	0.1791**
VAR35	-0.3115**	-0.2105**	-0.1933**	-0.1285	-0.1918**	0.0227	-0.1685*	-0.1540*	0.4079**
VAR36	-0.1933**	-0.0753	-0.1015	-0.0454	-0.1315	0.0329	-0.0885	-0.0253	0.3614**
VAR37	0.2874**	0.0253	0.1715*	-0.0362	0.0913	0.0167	0.0903	-0.0053	-0.1053
VAR38	0.1637*	0.3078**	0.2091**	0.0717	0.1540*	0.0954	0.1788**	0.2605**	-0.1664*
VAR39	-0.2286**	-0.2462**	-0.1299	-0.1459*	-0.0785	0.0820	-0.0534	-0.0802	0.4868**
VAR40	0.0790	0.1643*	0.2041**	-0.0106	0.0818	0.0907	0.1516*	0.0780	-0.0171
VAR41	0.2093**	0.0498	0.1354*	0.0616	0.1981**	0.0692	0.1531*	0.0616	0.0021
VAR42	0.2653**	0.1665*	0.2301**	0.0052	0.0819	0.0695	0.3145**	0.0980	-0.1424*
VAR43	-0.2835**	-0.1612*	-0.0817	-0.1284	-0.1622*	0.0464	-0.1007	-0.0413	0.3417**
VAR44	-0.1041	-0.0430	-0.0494	-0.0976	-0.0110	0.1043	0.0801	-0.0005	0.2063**
VAR45	0.2159**	0.2759**	0.1393*	0.1759**	0.2524**	0.0163	0.2230**	0.1711*	-0.3185**
VAR46	-0.1230	-0.1488*	-0.0701	-0.1263	-0.1446*	-0.0189	-0.0819	-0.1815**	0.2894**
VAR47	0.2217**	0.3235**	0.3035**	0.1815**	0.1734*	0.0939	0.2588**	0.2850**	-0.2682**
VAR48	-0.1626*	-0.2093**	-0.1967**	-0.1637*	-0.1498*	0.0780	-0.2220**	-0.1359*	0.3652**
VAR49	0.3769**	0.0951	0.1541*	0.1141	0.1052	0.0695	0.1108	0.0453	-0.2530**
VAR50	0.2707**	0.3160**	0.3377**	0.1184	0.0867	0.1203	0.3073**	0.1819**	-0.2803**
VAR51	0.2077**	0.3037**	0.3153**	0.1684*	0.2827**	-0.0296	0.2953**	0.2144**	-0.2352**
VAR52	-0.0648	0.0696	0.0735	-0.0316	0.0333	0.0907	0.0300	-0.0273	0.1196
VAR53	0.1833**	0.1139	0.1171	0.0994	0.1929**	0.0417	0.2432**	0.1665*	-0.0986
VAR54	-0.3335**	-0.1698*	-0.2366**	-0.0737	-0.0496	0.0049	-0.2316**	-0.1263	0.3002**
VAR55	-0.0469	-0.0369	-0.0603	-0.0677	-0.0642	0.1097	0.0004	-0.1166	0.2784**
VAR56	-0.2842**	-0.0704	-0.1207	-0.0535	-0.1762**	0.0032	-0.0433	0.0094	0.2127**
VAR57	0.0710	0.0359	0.0677	-0.1651*	0.0716	0.0538	0.0767	0.0021	0.1996**
VAR58	-0.1495*	-0.0935	-0.0913	-0.1513*	-0.1422*	0.0689	-0.0448	-0.1243	0.3540**
VAR59	0.3953**	0.2732**	0.3684**	0.2466**	0.2330**	0.0860	0.2114**	0.3006**	-0.3804**
VAR60	0.4466**	0.1531*	0.2155**	0.0950	0.0916	0.1023	0.1443*	0.0261	-0.1581*
VAR61	0.2114**	0.4016**	0.4524**	0.1985**	0.1366*	0.0516	0.3587**	0.2917**	-0.2110**
VAR62	0.2713**	0.0739	0.0180	0.0150	0.1146	0.0268	0.0488	0.0331	-0.0944
VAR63	0.1597*	0.1498*	0.2115**	0.1158	0.1094	0.0990	0.2075**	0.0375	0.0586
VAR64	-0.2078**	-0.1559*	-0.1502*	-0.2048**	-0.1123	0.0960	-0.1124	-0.0370	0.4218**
VAR65	0.1154	0.2061**	0.1459*	0.1017	0.4075**	-0.0066	0.2224**	0.1277	-0.1468*
VAR66	0.0072	-0.0091	0.0048	-0.2124**	0.0449	0.0612	0.0489	-0.0420	0.1633*
VAR67	0.5218**	0.1772**	0.2904**	0.0609	0.2055**	0.1895**	0.2059**	0.0954	-0.1968**
VAR68	0.3101**	0.3353**	0.3864**	0.1901**	0.1613*	0.1247	0.2059**	0.2204**	-0.2317**
VAR69	0.1471*	0.1546*	0.2166**	0.1883**	0.2517**	0.0228	0.2012**	0.1587*	-0.1547*
VAR70	0.1551*	-0.0150	0.0260	-0.0857	0.0633	-0.0112	0.0637	-0.0330	0.1274
VAR71	0.3101**	0.2224**	0.4104**	0.2159**	0.2276**	0.1031	0.3132**	0.1204	-0.1968**
VAR72	0.3744**	0.2133**	0.2268**	0.2162**	0.2463**	0.0892	0.2259**	0.2246**	-0.2126**
VAR73	1.0000	0.1724*	0.4104**	0.1837**	0.2132**	0.1211	0.2217**	0.1067	-0.2266**
VAR74	0.1724*	1.0000	0.4684**	0.2400**	0.2789**	0.1499*	0.4126**	0.3231**	-0.2543**
VAR75	0.4104**	0.4684**	1.0000	0.1932**	0.3015**	0.1421*	0.4218**	0.2853**	-0.2214**
VAR76	0.1837**	0.2400**	0.1932**	1.0000	0.1729*	0.1088	0.1815**	0.1855**	-0.2688**
VAR77	0.2132**	0.2788**	0.3015**	0.1729*	1.0000	0.1126	0.3041**	0.2554**	-0.1944**
VAR78	0.1211	0.1499*	0.1421*	0.1088	0.1126	1.0000	0.0299	0.1660*	-0.0157
VAR79	0.2217**	0.4126**	0.4218**	0.1815**	0.3041**	0.0299	1.0000	0.2111**	-0.1647*
VAR80	0.1067	0.3231**	0.2853**	0.1855**	0.2554**	0.1660*	0.2111**	1.0000	-0.2588**
VAR81	-0.2266**	-0.2543**	-0.2214**	-0.2688**	-0.1944**	-0.0157	-0.1647*	-0.2588**	1.0000

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

Table J

GRADES 3,4 FEMALES/MALES

PEARSON CORRELATION COEFFICIENTS

	VAR1 good	VAR2 active	VAR3 afraid	VAR4 angry	VAR5 ashamed	VAR6 awful	VAR7 bashful	VAR8 "blue"	VAR9 bored
VAR1	1.0000	0.0728	0.0474	-0.1473*	-0.0444	-0.2474**	0.0529	-0.1138	-0.3077**
VAR2	0.0728	1.0000	-0.0418	0.0641	-0.0636	-0.0708	-0.1030	0.0023	-0.0889
VAR3	0.0474	-0.0418	1.0000	0.1403*	0.0636	0.0750	0.0821	0.0514	0.1729*
VAR4	-0.1473*	0.0641	0.1403*	1.0000	0.1334*	0.2412**	-0.0917	0.0713	0.1079
VAR5	-0.0444	-0.0636	0.0636	0.1334*	1.0000	0.0403	0.1747**	0.1473*	-0.0082
VAR6	-0.2474**	-0.0708	0.0750	0.2412**	0.0403	1.0000	0.0330	0.0816	0.1035
VAR7	0.0529	-0.1030	0.0821	-0.0917	0.1747**	0.0330	1.0000	0.0301	0.0481
VAR8	-0.1138	0.0023	0.0514	0.0713	0.1473*	0.0816	0.0201	1.0000	0.0971
VAR9	-0.3077**	-0.0889	0.1729*	0.1079	-0.0082	0.1035	0.0451	0.0971	1.0000
VAR10	-0.0803	-0.0207	0.0327	0.2336**	0.0945	0.1821**	0.0136	0.0412	0.1079
VAR11	0.1365*	0.1248	0.0769	0.0430	0.0440	0.0487	0.0424	0.0572	-0.0598
VAR12	0.1530*	0.0676	-0.0809	-0.0597	-0.1644*	-0.0930	-0.0168	-0.0742	-0.0373
VAR13	0.5128**	0.1173	0.0060	-0.1060	-0.0268	-0.3028**	0.0036	-0.0245	-0.1496*
VAR14	-0.2002**	-0.0389	0.1605*	0.0926	0.0570	0.1447*	0.0844	0.1111	0.1682*
VAR15	0.2092**	0.1804**	-0.1884**	-0.1108	-0.0654	-0.2129**	-0.0248	-0.0419	-0.2201**
VAR16	-0.0486	-0.0856	0.2089**	0.1979**	0.0850	0.1355*	0.0900	0.1826**	0.1563*
VAR17	-0.1157	-0.0622	0.2107**	0.1968**	0.0341	0.1167	0.1051	0.0419	0.0838
VAR18	-0.1766**	-0.0248	0.0549	0.1662*	0.1514*	0.2409**	-0.0210	0.0953	0.2053**
VAR19	-0.0484	0.0253	0.0792	0.2243**	0.0275	0.1447*	0.1043	0.0656	0.1155
VAR20	-0.2079**	-0.0643	0.0114	0.0783	0.1549*	0.0868	0.1210	0.0942	0.1434*
VAR21	0.0635	-0.0373	0.0886	0.0310	0.1045	0.0322	0.0921	0.1123	-0.0124
VAR22	0.1964**	0.1387*	0.0267	-0.1259	-0.0950	-0.1138	0.0927	-0.0033	-0.0557
VAR23	-0.3225**	0.0491	0.2424**	0.2877**	0.1175	0.1893**	-0.1128	0.0166	0.2662**
VAR24	-0.0749	-0.0189	0.2196**	0.1481*	-0.0441	0.0162	0.0599	0.1447*	0.2206**
VAR25	0.3962**	0.0618	-0.0786	-0.1868**	0.0232	-0.1277	-0.0604	-0.0861	-0.1700*
VAR26	0.2700**	0.1085	-0.0269	-0.2323**	-0.0186	-0.0651	0.0628	-0.0206	-0.1519*
VAR27	-0.1096	-0.0436	0.0786	0.2763**	0.2433**	0.1782**	0.1956**	0.1633*	0.0705
VAR28	0.0386	0.0738	0.0679	0.0059	-0.0040	0.0889	-0.1012	0.0665	0.0828
VAR29	-0.3585**	-0.1272	0.1531*	0.2016**	0.0871	0.2731**	0.0299	0.1000	0.2952**
VAR30	0.5040**	0.1671*	-0.0621	-0.1718*	-0.0275	-0.0554	0.0152	-0.0656	-0.1682*
VAR31	0.4461**	0.1401*	0.0035	-0.1339*	-0.0292	-0.1226	-0.0002	-0.0277	-0.1717*
VAR32	-0.3239**	-0.0932	0.0215	0.2143**	0.0444	0.1622*	0.0990	0.0271	0.1064
VAR33	-0.3407**	-0.0529	0.1574*	0.2554**	0.0272	0.1426*	-0.0791	0.0881	0.1583*
VAR34	0.0734	0.0478	0.0047	-0.0406	-0.0235	-0.0053	0.0282	0.0520	-0.0984
VAR35	0.5031**	0.1427*	-0.0750	-0.1821**	-0.0403	-0.1227	0.0786	-0.0816	-0.2417**
VAR36	0.2911**	0.1024	-0.0039	-0.0679	-0.0646	-0.0486	-0.0308	0.0277	-0.0711
VAR37	-0.1157	-0.0622	0.1109	0.1968**	0.0341	0.0893	-0.0170	0.1256	0.0622
VAR38	-0.0417	0.0126	0.1267	0.1131	0.1656*	0.0090	0.0094	0.1123	-0.0124
VAR39	0.4131**	0.1548*	0.0337	-0.1276	-0.0245	0.0101	0.0818	-0.0426	-0.1606*
VAR40	-0.0346	0.0860	0.0612	0.0787	0.1565*	0.0798	-0.0072	0.1881**	0.1160
VAR41	-0.0099	0.1287	0.0440	-0.0177	-0.0221	0.1441*	0.0140	0.0554	0.0496
VAR42	-0.2463**	0.0373	0.0818	0.3005**	0.0375	0.0945	-0.0369	0.0747	0.1784**
VAR43	0.4483**	0.1044	0.0373	-0.1204	0.0750	-0.0632	0.0659	0.0230	-0.1835**
VAR44	0.0861	0.1349*	0.0215	-0.0404	0.0990	0.0108	-0.0217	0.0086	0.0356
VAR45	-0.1735*	-0.0638	0.1369*	0.1468*	0.0389	0.1380*	-0.0226	0.0628	0.1949**
VAR46	0.2439**	0.0817	-0.0076	-0.0406	0.0322	-0.1267	0.1276	-0.0398	-0.1039
VAR47	-0.1054	-0.0961	0.1953**	0.1800**	0.0830	0.0910	0.0647	0.0769	0.1716*
VAR48	0.2836**	0.1459*	0.0030	-0.0491	0.0360	-0.0405	0.1061	0.0231	-0.1386*
VAR49	-0.3317**	-0.0855	0.1515*	0.2478**	0.0636	0.1358*	-0.0021	0.0204	0.1729*
VAR50	-0.3452**	-0.0343	0.0514	0.1615*	0.1137	0.1837**	0.0429	0.0906	0.2779**
VAR51	-0.1243	-0.0709	0.1334*	0.1453*	0.1158	0.2117**	-0.0152	0.0656	0.2210**
VAR52	0.0651	-0.0240	0.0385	-0.0448	-0.0150	-0.0599	-0.0282	-0.0285	0.0103
VAR53	-0.0617	-0.0464	0.1250	0.1544*	0.0178	0.1233	0.0803	0.1172	0.0835
VAR54	0.3208**	0.1200	-0.1197	-0.1870**	-0.0078	-0.1164	-0.0010	-0.0341	-0.1575*
VAR55	0.2457**	0.1674*	0.0535	-0.0842	-0.0857	-0.0771	-0.0016	-0.0363	-0.0506
VAR56	0.1603*	0.1100	-0.0849	-0.1397*	-0.1031	-0.0738	-0.0386	-0.0460	-0.0824
VAR57	0.1168	0.1838**	0.0246	0.1065	0.0222	-0.0081	0.0411	0.1231	-0.0029
VAR58	0.1964**	0.0395	0.0430	-0.0962	-0.0471	-0.0546	-0.0018	0.0447	-0.1166
VAR59	-0.2085**	-0.0976	0.1619*	0.2361**	0.1683*	0.2173**	0.0504	0.1026	0.2534**
VAR60	-0.2007**	-0.1193	0.1200	0.3282**	0.1492*	0.0808	0.0585	0.0567	0.0854
VAR61	-0.2221**	-0.0905	0.1846**	0.2434**	0.0596	0.2071**	-0.0072	0.1099	0.2299**
VAR62	0.0474	0.0236	0.0039	-0.0748	0.0236	0.0446	0.0521	-0.0106	0.1250
VAR63	0.0423	0.0001	0.1278	0.1150	0.0094	0.1871**	0.1334*	0.0981	0.0710
VAR64	0.2387**	0.0663	-0.0023	-0.1622*	0.0512	-0.1479*	-0.0185	-0.0694	-0.1313
VAR65	-0.0872	-0.0050	0.0919	0.1331*	-0.0224	0.1164	0.0010	0.0807	0.0674
VAR66	0.0030	0.2351**	-0.0279	0.0553	-0.0093	0.0354	0.0120	0.1128	0.0232
VAR67	-0.3879**	-0.0712	0.2162**	0.2936**	0.0529	0.2471**	-0.0165	0.1000	0.2543**
VAR68	-0.2873**	0.0434	0.0349	0.2263**	0.1604*	0.2552**	0.0190	0.1435*	0.1995**
VAR69	0.0009	-0.0375	0.1302	0.0889	0.0597	0.1669*	-0.0114	-0.0285	0.2334**
VAR70	-0.1248	0.0636	0.1048	0.0642	-0.0418	0.0128	0.1197	0.0840	0.0801
VAR71	-0.1018	-0.0715	0.1846**	0.1496*	0.1295	0.1275	0.0637	0.1639*	0.0627
VAR72	-0.2595**	-0.0524	0.1249	0.3482**	0.1192	0.2474**	-0.0276	0.1138	0.1512*
VAR73	-0.1880**	-0.0550	0.2159**	0.4150**	0.0618	0.1369*	0.0875	0.1443*	0.1931**
VAR74	-0.1322*	0.0570	0.1665*	0.2080**	0.1142	0.1858**	0.0224	0.1875**	0.2090**
VAR75	-0.2148**	0.0074	0.1491*	0.2351**	0.0740	0.2332**	-0.0122	0.1876**	0.1784**
VAR76	-0.0890	-0.0433	0.0549	0.2877**	0.0836	0.2409**	0.0020	-0.0883	0.1242
VAR77	-0.1811**	-0.0530	0.0979	0.0569	0.0669	0.2364**	0.0895	0.1232	0.1874**
VAR78	-0.0487	-0.1177	0.1596*	0.1688*	0.1491*	0.1769**	0.1642*	0.0376	0.1722*
VAR79	-0.1732*	0.0626	0.1549*	0.1678*	0.0739	0.2178**	0.0094	0.1831**	0.2251**
VAR80	-0.1629*	-0.0932	0.0904	0.2478**	0.1567*	0.1622*	0.0484	0.0849	0.1512*
VAR81	0.3823**	0.1599*	-0.0100	-0.2071**	0.0040	-0.1102	0.1067	-0.0631	-0.2339**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR10 bossy	VAR11 brave	VAR12 calm	VAR13 cheerful	VAR14 confused	VAR15 cooperative	VAR16 like crying	VAR17 cruel	VAR18 disappointed
VAR1	-0.0803	0.1365*	0.1530*	0.5128**	-0.2002**	0.2082**	-0.0486	-0.1157	-0.1766**
VAR2	-0.0207	0.1246	0.0676	0.1173	-0.0388	0.1804**	-0.0856	-0.0622	-0.0248
VAR3	0.0327	0.0769	-0.0809	0.0060	0.1605*	-0.1984**	0.2089**	0.2107**	0.0549
VAR4	0.2336**	0.0430	-0.0597	-0.1060	0.0926	-0.1108	0.1979**	0.1968**	0.1662*
VAR5	0.0845	0.0440	-0.1644*	-0.0268	0.0570	-0.0654	0.0850	0.0341	0.1514*
VAR6	0.1821**	0.0487	-0.0930	-0.2028**	0.1447*	-0.2129**	0.1355*	0.1167	0.2409**
VAR7	0.0136	0.0424	-0.0168	0.0036	0.0844	-0.0248	0.0800	0.1051	-0.0210
VAR8	0.0412	0.0572	-0.0742	-0.0245	0.1111	-0.0419	0.1826**	0.0419	0.0953
VAR9	0.1079	-0.0598	-0.0373	-0.1496*	0.1682*	-0.2201**	0.1563*	0.0838	0.2053**
VAR10	1.0000	0.0201	-0.1023	-0.0565	0.0136	-0.0452	-0.0349	0.1645*	0.0447
VAR11	0.0201	1.0000	0.0056	0.1440*	0.0077	0.0316	0.0688	0.0580	0.0715
VAR12	-0.1023	0.0056	1.0000	0.0563	-0.1134	0.2613**	-0.0984	-0.1411*	-0.0645
VAR13	-0.0565	0.1440*	0.0563	1.0000	-0.2582**	0.1714*	-0.0298	-0.0421	-0.0731
VAR14	0.0136	0.0077	-0.1134	-0.2582**	1.0000	-0.2564**	0.0900	0.1295	0.1627*
VAR15	-0.0452	0.0316	0.2613**	0.1714*	-0.2564**	1.0000	-0.0485	-0.1589*	0.0269
VAR16	-0.0349	0.0688	-0.0984	-0.0298	0.0900	-0.0485	1.0000	-0.0033	0.1459*
VAR17	0.1645*	0.0580	-0.1411*	-0.0421	0.1295	-0.1589*	-0.0033	1.0000	-0.0388
VAR18	0.0447	0.0715	-0.0645	-0.0731	0.1627*	0.0269	0.1459*	-0.0388	1.0000
VAR19	0.1453*	0.1117	-0.0329	-0.0525	0.0844	-0.0248	0.0900	0.1051	0.0248
VAR20	0.0783	0.0156	-0.2165**	-0.1115	0.1769**	-0.1058	0.2703**	0.1571*	0.1302
VAR21	0.0584	-0.0253	-0.0955	0.0339	0.1334*	-0.0815	0.2151**	0.0517	0.1177
VAR22	-0.0406	0.1922**	0.1331*	0.2265**	-0.0523	0.1594*	-0.0146	-0.0645	-0.1044
VAR23	0.1055	-0.0283	-0.1203	-0.2025**	0.1627*	-0.1638*	0.1053	0.1584*	0.2588**
VAR24	0.1481*	0.0726	-0.0271	-0.1130	0.1438*	-0.0085	0.0739	0.2645**	0.0295
VAR25	-0.1868**	0.1137	0.1748**	0.2521**	-0.0379	0.1094	0.0205	-0.1764**	-0.0128
VAR26	-0.2629**	0.0953	0.1297	0.2097**	-0.0067	0.0956	0.0144	-0.1065	-0.1047
VAR27	0.3061**	0.0039	-0.0654	-0.1251	0.0830	-0.0158	0.0990	0.1764**	0.1947**
VAR28	0.0718	0.1905**	0.0482	0.1013	0.0649	0.0486	0.1400*	0.0014	0.1316
VAR29	0.2016**	-0.0751	-0.1110	-0.1879**	0.1921**	-0.2111**	0.2315**	0.1065	0.2918**
VAR30	-0.1453*	0.0615	0.1840**	0.4265**	-0.1441*	0.1406*	-0.1604*	-0.0562	-0.1397*
VAR31	-0.1339*	0.1497*	0.1089	0.4440**	-0.1505*	0.1624*	-0.0317	-0.0451	-0.0882
VAR32	0.1808**	-0.0043	-0.1120	-0.2748**	0.1243	-0.0830	0.0486	0.2399**	0.0306
VAR33	0.1462*	-0.0730	-0.1142	-0.1811**	0.0860	-0.1414*	0.1175	0.2518**	0.1237
VAR34	-0.0832	0.1642*	0.1070	0.1508*	-0.0362	0.0790	0.0994	0.0740	-0.0115
VAR35	-0.1526*	0.0873	0.2014**	0.4337**	-0.1224	0.1758**	-0.0565	-0.0893	-0.1893**
VAR36	-0.1688*	0.0843	0.1310	0.2664**	0.0264	0.1181	0.0297	-0.1012	0.0669
VAR37	0.1968**	0.1430*	-0.0818	-0.0651	0.1051	0.0035	0.1694*	0.1006	0.0739
VAR38	0.0310	-0.0253	-0.0453	-0.0244	0.0921	-0.0643	0.0689	0.0770	0.0462
VAR39	-0.1029	0.1869**	0.0945	0.4316**	-0.1230	0.1494*	0.0051	-0.0163	-0.1127
VAR40	0.1073	0.0892	-0.0939	0.0264	0.1657*	-0.0535	0.0463	0.1264	0.2189**
VAR41	0.0060	0.1443*	-0.0186	0.1265	0.0499	0.1149	0.0747	0.0356	0.1444*
VAR42	0.1698*	0.0521	-0.0116	-0.1411*	0.1360*	-0.1068	0.2612**	0.0449	0.1073
VAR43	-0.2591**	0.1281	0.1288	0.3691**	-0.1019	0.1304	0.0002	-0.1101	-0.1020
VAR44	0.0664	0.1218	0.0118	0.1904**	-0.0056	0.0182	0.1604*	-0.0098	0.0912
VAR45	0.2229**	-0.1065	0.0009	-0.2181**	0.1306	-0.0778	0.0398	0.1751**	0.1126
VAR46	-0.0873	0.1108	0.0580	0.2535**	-0.0665	0.0650	0.0599	-0.1300	-0.0054
VAR47	0.0962	-0.0796	-0.0519	-0.1781**	0.2336**	-0.0677	0.2259**	0.1919**	0.2280**
VAR48	-0.0715	0.2294**	0.0877	0.1697*	-0.0293	0.1524*	0.0221	-0.0658	-0.1004
VAR49	0.3195**	-0.0174	-0.1028	-0.1722*	0.0521	-0.0633	0.0652	0.3104**	0.0236
VAR50	0.0412	-0.0813	-0.1294	-0.3237**	0.2248**	-0.0986	0.1826**	0.0977	0.2264**
VAR51	0.1453*	-0.0096	-0.0490	-0.1460*	0.3033**	-0.1737*	0.0800	0.1295	0.2545**
VAR52	-0.0448	0.1030	-0.0071	0.1551*	0.0223	0.1247	-0.0253	0.0605	0.1333*
VAR53	0.1311	0.0473	-0.0942	-0.1661*	0.2737**	-0.0155	0.1873**	0.0406	0.1039
VAR54	-0.1331*	0.1028	0.1456*	0.2640**	-0.1030	0.1016	-0.0640	-0.1951**	0.0082
VAR55	-0.0623	0.1947**	0.1552*	0.2717**	-0.1170	0.1231	0.0423	0.0287	-0.0819
VAR56	-0.1867**	0.0129	0.1861**	0.1632*	-0.0031	0.2093**	-0.0374	-0.1580*	-0.0522
VAR57	0.0425	0.3511**	0.0346	0.0940	-0.0395	0.0037	0.0124	0.0716	0.0231
VAR58	-0.0302	0.2622**	0.0519	0.2149**	-0.0185	0.0256	0.0346	-0.0448	-0.1153
VAR59	0.0897	-0.0806	-0.1550*	-0.2585**	0.1390*	-0.1674*	0.0539	0.1396*	0.1586*
VAR60	0.2554**	-0.0251	-0.1142	-0.1036	0.0310	-0.0489	0.0688	0.1842**	0.0919
VAR61	0.0870	-0.0688	-0.0728	-0.2247**	0.2293**	-0.1122	0.2408**	0.2029**	0.2236**
VAR62	0.1403*	0.0297	0.0288	0.0060	0.0250	-0.0182	0.0173	-0.0554	0.1174
VAR63	0.1150	-0.0549	-0.0934	0.0581	0.0455	-0.1045	0.1678*	0.1081	0.0777
VAR64	-0.1182	0.1320*	0.0654	0.3868**	-0.0850	0.1362*	0.0934	-0.1264	-0.0194
VAR65	0.0521	0.0215	-0.0786	-0.0531	0.0418	0.0340	0.1362*	0.0949	0.0860
VAR66	0.0125	0.3838**	-0.0075	0.0786	0.0767	0.0103	-0.0511	0.1217	-0.0061
VAR67	0.1710*	0.0257	-0.0922	-0.2968**	0.1689*	-0.1341*	0.1496*	0.1350*	0.1849**
VAR68	0.1111	-0.0297	-0.2081**	-0.1625*	0.1061	-0.1150	0.1258	0.1040	0.2242**
VAR69	0.0889	-0.0289	-0.0207	-0.0189	0.1907**	-0.0293	0.0641	0.0605	0.2304**
VAR70	0.0864	0.1950**	0.0125	-0.0151	0.1197	0.0040	0.0326	0.1403*	0.0527
VAR71	0.1183	0.0546	-0.0537	-0.1136	0.1347*	0.0254	0.1990**	0.0868	0.1145
VAR72	0.3147**	0.0397	-0.1325*	-0.1798**	0.0990	-0.0830	0.2724**	0.1157	0.2058**
VAR73	0.1619*	0.0134	-0.0176	-0.0879	0.0875	-0.0574	0.1608*	0.2126**	0.1114
VAR74	0.0683	0.0123	-0.0690	-0.1385*	0.1491*	-0.0326	0.3005**	0.0623	0.3010**
VAR75	0.0063	-0.0124	-0.0816	-0.1411*	0.2349**	-0.1273	0.1738*	0.0752	0.2498**
VAR76	0.1358*	-0.0683	-0.1574*	-0.1378*	0.1168	-0.1066	0.0647	0.0176	0.2852**
VAR77	0.0278	0.0788	-0.0756	-0.1688*	0.1114	-0.1045	0.1678*	0.1351*	0.0270
VAR78	-0.0329	0.0981	-0.2698**	-0.0336	0.1833**	-0.2300**	0.1725*	0.1479*	0.1529*
VAR79	0.1405*	0.0827	-0.0620	-0.1021	0.1541*	-0.0986	0.1420*	0.1278	0.2369**
VAR80	-0.0201	-0.0704	-0.1734*	-0.1322*	0.1748**	-0.1251	0.1382*	0.0535	0.2058**
VAR81	-0.1134	0.1621*	0.1218	0.4081**	-0.1234	0.2031**	0.0271	-0.0462	-0.0900

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR19 disturbed	VAR20 dumb	VAR21 embarrassed	VAR22 excited	VAR23 fed-up	VAR24 like fighting	VAR25 fine	VAR26 friendly	VAR27 furious
VAR1	-0.0484	-0.2079**	0.0635	0.1964**	-0.3225**	-0.0749	0.3962**	0.2700**	-0.1096
VAR2	0.0253	-0.0643	-0.0373	0.1387*	0.0491	-0.0189	0.0618	0.1085	-0.0436
VAR3	0.0792	0.0114	0.0986	0.0267	0.2424**	0.2186**	-0.0786	-0.0269	0.0786
VAR4	0.2243**	0.0783	0.0310	-0.1259	0.3877**	0.1481*	-0.1868**	-0.2323**	0.2763**
VAR5	0.0275	0.1549*	0.1045	-0.0950	0.1175	-0.0441	0.0232	-0.0186	0.2433**
VAR6	0.1447*	0.0858	0.0322	-0.1138	0.1893**	0.0162	-0.1277	-0.0651	0.1782**
VAR7	0.1043	0.1210	0.0921	0.0827	-0.1128	0.0589	-0.0604	0.0628	0.1956**
VAR8	0.0656	0.0942	0.1123	-0.0033	0.0186	0.1447*	-0.0861	-0.0206	0.1633*
VAR9	0.1155	0.1434*	-0.0124	-0.0557	0.2682**	0.2206**	-0.1700*	-0.1519*	0.0705
VAR10	0.1453*	0.0783	0.0584	-0.0406	0.1055	0.1481*	-0.1868**	-0.2629**	0.3061**
VAR11	0.1117	0.0156	-0.0253	0.1922**	-0.0283	0.0726	0.1137	0.0953	0.0039
VAR12	-0.0329	-0.2165**	-0.0955	0.1331*	-0.1203	-0.0271	0.1748**	0.1297	-0.0654
VAR13	-0.0625	-0.1119	0.0339	0.2265**	-0.3025**	-0.1130	0.2521**	0.2097**	-0.1251
VAR14	0.0844	0.1769**	0.1334*	-0.0523	0.1627*	0.1438*	-0.0379	-0.0067	0.0830
VAR15	-0.0348	-0.1058	-0.0815	0.1594*	-0.1638*	-0.0085	0.1094	0.0956	-0.0158
VAR16	0.0900	0.2703**	0.2151**	-0.0146	0.1083	0.0739	0.0205	0.0144	0.0990
VAR17	0.1051	0.1571*	0.0517	-0.0645	0.1584*	0.2645**	-0.1764**	-0.1068	0.1764**
VAR18	0.0349	0.1302	0.1177	-0.1044	0.2588**	0.0295	-0.0128	-0.1047	0.1947**
VAR19	1.0000	-0.0188	0.0301	0.1088	0.1627*	0.2277**	-0.1731*	-0.1458*	0.1731*
VAR20	-0.0188	1.0000	0.1123	-0.0603	0.1624*	0.1781**	-0.0905	-0.1669*	0.0905
VAR21	0.0301	0.1123	1.0000	-0.1321*	-0.0015	0.0418	-0.1070	-0.0751	0.0836
VAR22	0.1088	-0.0603	-0.1321*	1.0000	-0.1787**	0.0718	0.1411*	0.1700*	-0.0682
VAR23	0.1627*	0.1624*	-0.0015	-0.1787**	1.0000	0.2229**	-0.2727**	-0.2918**	0.1167
VAR24	0.2277**	0.1781**	0.0418	0.0718	0.2229**	1.0000	-0.3529**	-0.2782**	0.1158
VAR25	-0.1731*	-0.0905	-0.1070	0.1411*	-0.2727**	-0.3529**	1.0000	0.3841**	-0.1835**
VAR26	-0.1458*	-0.1669*	-0.0751	0.1700*	-0.2918**	-0.2782**	0.3841**	1.0000	-0.1480*
VAR27	0.1731*	0.0905	0.0836	-0.0682	0.1167	0.1155	-0.1836**	-0.1480*	1.0000
VAR28	0.1313	0.0638	0.0018	0.2314**	0.0933	0.0671	0.1102	0.0147	-0.0350
VAR29	0.1921**	0.2645**	0.1473*	-0.1324*	0.4254**	0.1806**	-0.2529**	-0.2983**	0.1480*
VAR30	-0.1242	-0.2328**	-0.0921	0.2941**	-0.4152**	-0.2277**	0.3985**	0.4471**	-0.0604
VAR31	-0.1129	-0.1672*	-0.0476	0.3255**	-0.3148**	-0.1566*	0.3415**	0.3668**	-0.0862
VAR32	0.1749**	0.2780**	0.0154	-0.0938	0.2642**	0.2083**	-0.3388**	-0.2405**	0.3388**
VAR33	0.0860	0.2082**	0.1053	-0.1832**	0.3458**	0.2861**	-0.3025**	-0.4162**	0.2402**
VAR34	0.0444	-0.0151	0.0521	0.1650*	0.0257	0.0039	0.0489	0.0011	-0.0134
VAR35	-0.1224	-0.3064**	-0.1250	0.2947**	-0.4469**	-0.3456**	0.5070**	0.4812**	-0.0771
VAR36	-0.0880	-0.0966	-0.0195	0.1500*	-0.1309	-0.0691	0.3129**	0.3592**	-0.0971
VAR37	0.2272**	0.1571*	-0.0752	0.0542	0.1303	0.3675**	-0.1211	-0.2203**	0.2041**
VAR38	0.0507	0.1414*	0.1837**	0.0521	0.0462	0.0854	-0.1070	-0.1233	0.0836
VAR39	-0.0485	-0.1810*	-0.0594	0.3093**	-0.2200**	-0.1090	0.3111**	0.3142**	-0.0581
VAR40	0.0577	0.0731	0.1044	-0.1143	0.0943	0.0678	0.0133	-0.0742	0.1090
VAR41	0.0499	0.0340	-0.0667	0.3244**	-0.0005	0.0939	0.0523	0.0366	-0.0523
VAR42	0.1360*	0.2314**	0.0826	0.0060	0.0503	0.2982**	-0.1826**	-0.2844**	0.2106**
VAR43	-0.0390	-0.2075**	-0.0418	0.1998**	-0.2955**	-0.2048**	0.3766**	0.4080**	-0.0680
VAR44	0.0428	0.0872	-0.0125	0.2675**	0.0168	0.0191	0.1273	0.1065	0.0183
VAR45	0.1115	0.1264	0.0233	-0.0956	0.2230**	0.1740*	-0.1875**	-0.2079**	0.1008
VAR46	0.0217	-0.0965	-0.0826	0.0907	-0.0868	-0.0945	0.1735*	0.1969**	-0.0137
VAR47	0.1491*	0.1524*	0.1339*	-0.0207	0.1549*	0.1880**	-0.1199	-0.1853**	0.1438*
VAR48	0.0722	-0.1783**	-0.0309	0.2294**	-0.1004	-0.0255	0.1814**	0.1277	-0.0090
VAR49	0.1334*	0.1636*	0.0423	-0.0611	0.2424**	0.3338**	-0.3241**	-0.3424**	0.2320**
VAR50	0.1338*	0.3496**	0.1359*	-0.2242**	0.2789**	0.2166**	-0.2406**	-0.2854**	0.1118
VAR51	0.1640*	0.2328**	0.0921	-0.0523	0.2545**	0.2067**	-0.1956**	-0.1689*	0.1506*
VAR52	-0.0619	0.0560	0.0768	0.0291	-0.0027	0.0191	0.0730	0.0940	0.0414
VAR53	0.1682*	0.1928**	0.1155	0.0724	0.1445*	0.1650*	-0.1302	-0.0495	0.1501*
VAR54	-0.1234	-0.0770	-0.0887	0.1984**	-0.1801**	-0.2271**	0.3990**	0.2576**	-0.1218
VAR55	0.0149	-0.0782	-0.0578	0.2272**	-0.0628	-0.0023	0.1969**	0.1667*	-0.0662
VAR56	-0.1452*	-0.0767	-0.0899	0.1472*	-0.1545*	-0.0456	0.2208**	0.3688**	-0.1605*
VAR57	0.0734	-0.0171	0.0323	0.0926	0.0789	0.1708*	-0.0031	0.0037	0.0204
VAR58	0.0148	-0.0894	0.0123	0.1646*	-0.1153	-0.1054	0.2125**	0.1816**	-0.0242
VAR59	0.2276**	0.1455*	0.1427*	-0.1408*	0.3373**	0.1985**	-0.3986**	-0.2672**	0.1981**
VAR60	0.1685*	0.0923	0.0196	-0.1609*	0.1554*	0.1702*	-0.2402**	-0.1919**	0.3025**
VAR61	0.0401	0.3091**	0.1593*	-0.1328*	0.3327**	0.3678**	-0.2660**	-0.1193	0.1589*
VAR62	0.0792	-0.0267	0.0141	-0.1172	0.0861	0.0769	-0.0478	0.0362	0.0786
VAR63	0.1993**	0.2032**	0.1829**	-0.0509	0.1283	0.0771	-0.0684	-0.0058	0.0933
VAR64	0.0314	0.0274	-0.0050	0.2092**	-0.0962	-0.1755**	0.3067**	0.2397**	-0.1184
VAR65	0.1642*	0.2489**	0.0463	-0.0497	0.2036**	0.1411*	-0.1218	-0.1388*	0.0756
VAR66	0.0929	-0.0026	-0.0304	0.1039	-0.0061	0.1764**	-0.0096	-0.0047	0.0096
VAR67	0.2385**	0.1995**	0.0751	-0.0761	0.3720**	0.2782**	-0.2529**	-0.2983**	0.2005**
VAR68	0.2150**	0.2599**	0.0642	-0.0877	0.2996**	0.0724	-0.2368**	-0.1290	0.2122**
VAR69	0.1739*	0.1033	0.0768	0.0700	0.1333*	0.1610*	-0.0224	-0.0433	0.0605
VAR70	0.0693	0.0301	-0.0488	0.1167	0.0721	0.2638**	-0.0005	-0.1383*	0.0956
VAR71	0.2293**	0.2095**	0.0611	-0.0371	0.1691*	0.2179**	-0.2392**	-0.1743*	0.2125**
VAR72	0.2509**	0.2079**	0.1206	-0.0324	0.2933**	0.2083**	-0.2242**	-0.2405**	0.2242**
VAR73	0.3107**	0.1392*	0.0381	-0.0451	0.1849**	0.2783**	-0.2488**	-0.2263**	0.3210**
VAR74	0.1703*	0.3007**	0.1997**	-0.0036	0.2523**	0.2102**	-0.1438*	-0.1115	0.1916**
VAR75	0.1607*	0.1967**	0.1340*	-0.0540	0.2783**	0.1681*	-0.2106**	-0.1693*	0.0987
VAR76	0.1168	0.1624*	0.0700	-0.0858	0.1529*	0.1020	-0.1427*	-0.0780	0.0907
VAR77	0.1334*	0.3265**	0.0004	-0.0074	0.2296**	0.1928**	-0.1678*	-0.1336*	0.0187
VAR78	0.1452*	0.1768**	0.1383*	-0.0266	0.1529*	0.1093	-0.0539	-0.0041	0.0323
VAR79	0.2575**	0.2285**	0.0334	-0.0353	0.2608**	0.3685**	-0.2708**	-0.0992	0.2240**
VAR80	0.0990	0.1013	0.1206	-0.1144	0.2642**	0.1016	-0.1382*	-0.0637	0.0809
VAR81	-0.1057	-0.1488*	-0.0127	0.2550**	-0.2329**	-0.2473**	0.3173**	0.3441**	-0.0969

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	VAR28 giggly	VAR29 like giving-up	VAR30 glad	VAR31 great	VAR32 grouchy	VAR33 grumpy	VAR34 handsome/pretty	VAR35 happy	VAR36 helpful
VAR1	0.0386	-0.3588**	0.9040**	0.4461**	-0.3239**	-0.3407**	0.0734	0.5031**	0.2911**
VAR2	0.0738	-0.1272	0.1671*	0.1401*	-0.0932	-0.0829	0.0478	0.1427*	0.1024
VAR3	0.0679	0.1531*	-0.0521	0.0035	0.0218	0.1874*	0.0047	-0.0750	-0.0039
VAR4	0.0069	0.3016**	-0.1716*	-0.1339*	0.2143**	0.2854**	-0.0406	-0.1821**	-0.0879
VAR5	-0.0040	0.0871	-0.0275	-0.0282	0.0444	0.0272	-0.0235	-0.0403	-0.0846
VAR6	0.0889	0.2731**	-0.0654	-0.1226	0.1622*	0.1426*	-0.0053	-0.1327	-0.0486
VAR7	-0.1012	0.0299	0.0152	-0.0002	0.0890	-0.0791	0.0282	0.0786	-0.0308
VAR8	0.0665	0.1000	-0.0856	-0.0277	0.0271	0.0881	0.0520	-0.0816	0.0277
VAR9	0.0828	0.2952**	-0.1682*	-0.1717*	0.1084	0.1583*	-0.0984	-0.2417**	-0.0711
VAR10	0.0718	0.2016**	-0.1483*	-0.1339*	0.1808**	0.1462*	-0.0832	-0.1826*	-0.1688*
VAR11	0.1805**	-0.0751	0.0615	0.1487*	-0.0043	-0.0730	0.1642*	0.0873	0.0843
VAR12	0.0482	-0.1110	0.1940**	0.1089	-0.1120	-0.1142	0.1070	0.2014**	0.1310
VAR13	0.1013	-0.1878**	0.4265**	0.4440**	-0.2749**	-0.1811**	0.1508*	0.4337**	0.2864**
VAR14	0.0649	0.1821**	-0.1441*	-0.1505*	0.1243	0.0860	-0.0362	-0.1224	0.0264
VAR15	0.0486	-0.2111**	0.1406*	0.1634*	-0.0830	-0.1414*	0.0790	0.1758**	0.1191
VAR16	0.1400*	0.2315**	-0.1804*	-0.0317	0.0486	0.1175	0.0984	-0.0565	0.0297
VAR17	0.0014	0.1065	-0.0562	-0.0451	0.2399**	0.2518**	0.0740	-0.0893	-0.1012
VAR18	0.1316	0.2918**	-0.1397*	-0.0982	0.0306	0.1237	-0.0115	-0.1893**	0.0469
VAR19	0.1313	0.1821**	-0.1242	-0.1139	0.1748**	0.0860	0.0444	-0.1224	-0.0880
VAR20	0.0638	0.2645**	-0.2328**	-0.1672*	0.2780**	0.2082**	-0.0191	-0.3064**	-0.0966
VAR21	0.0018	0.1473*	-0.0921	-0.0478	0.0154	0.1053	0.0521	-0.1250	-0.0195
VAR22	0.2314**	-0.1324*	0.2941**	0.3255**	-0.0939	-0.1832**	0.1650*	0.2947**	0.1500*
VAR23	0.0833	0.4254**	-0.4152**	-0.3148**	0.2642**	0.3458**	0.0257	-0.4459**	-0.1309
VAR24	0.0671	0.1806**	-0.2277**	-0.1566*	0.2083**	0.2861**	0.0039	-0.3456**	-0.0891
VAR25	0.1102	-0.2529**	0.3985**	0.3615**	-0.3388**	-0.3035**	0.0499	0.5070**	0.3139**
VAR26	0.0147	-0.2983**	0.4471**	0.3668**	-0.2405**	-0.4162**	0.0011	0.4812**	0.3592**
VAR27	-0.0350	0.1480*	-0.0604	-0.0862	0.3388**	0.2402**	-0.0134	-0.0771	-0.0971
VAR28	1.0000	0.0819	0.0846	0.0803	-0.0175	0.0544	0.2583**	0.0974	0.0958
VAR29	0.0819	1.0000	-0.4471**	-0.3012**	0.2111**	0.4162**	-0.0761	-0.4032**	-0.1150
VAR30	0.0846	-0.4471**	1.0000	0.5262**	-0.3268**	-0.3611**	0.1490*	0.6808**	0.3739**
VAR31	0.0803	-0.3012**	0.5262**	1.0000	-0.2550**	-0.2623**	0.1430*	0.5232**	0.3797**
VAR32	-0.0175	0.2111**	-0.3268**	-0.2550**	1.0000	0.4456**	0.0086	-0.3327**	-0.1699*
VAR33	0.0544	0.4162**	-0.3611**	-0.2623**	0.4456**	1.0000	-0.0273	-0.4204**	-0.2471**
VAR34	0.2583**	-0.0761	0.1490*	0.1430*	0.0086	-0.0273	1.0000	0.1681*	0.0729
VAR35	0.0974	-0.4032**	0.6808**	0.5232**	-0.3327**	-0.4204**	0.1681*	1.0000	0.3266**
VAR36	0.0958	-0.1150	0.3739**	0.3797**	-0.1699*	-0.2471**	0.0729	0.3266**	1.0000
VAR37	0.1237	0.1919**	-0.2272**	-0.1143	0.2089**	0.1505*	-0.0052	-0.1989**	-0.1479*
VAR38	0.0018	0.1714*	-0.1334*	-0.0085	0.1306	0.1053	0.0353	-0.1250	-0.1185
VAR39	0.1997**	-0.2491**	0.4953**	0.5784**	-0.2474**	-0.2394**	0.2038**	0.5330**	0.3850**
VAR40	0.1677*	0.1748**	-0.0793	-0.0584	0.0896	0.2164**	0.0082	-0.1041	0.0754
VAR41	0.3570**	0.0679	0.0757	0.1394*	-0.0588	0.1011	0.1082	0.0170	0.0585
VAR42	0.1327*	0.3132**	-0.2102**	-0.1813**	0.1206	0.2920**	0.0060	-0.2054**	-0.1314
VAR43	0.1077	-0.3515**	0.5212**	0.4337**	-0.2883**	-0.3151**	0.1489*	0.5809**	0.4105**
VAR44	0.4781**	-0.0125	0.1833**	0.2152**	-0.0655	-0.0131	0.2675**	0.1522*	0.0745
VAR45	0.0054	0.3641**	-0.2647**	-0.2233**	0.1978**	0.3038**	-0.1421*	-0.3100**	-0.1288
VAR46	0.0440	-0.1963**	0.1547*	0.2262**	-0.0868	-0.1855**	0.1336*	0.2257**	0.2611**
VAR47	-0.0316	0.2345**	-0.2125**	-0.1226	0.1054	0.1449*	-0.0378	-0.1621*	-0.0540
VAR48	0.0633	-0.2065**	0.3169**	0.2557**	-0.1761**	-0.1920**	0.2567**	0.3062**	0.2111**
VAR49	0.0227	0.3424**	-0.2960**	-0.1755**	0.2283**	0.3447**	-0.1269	-0.3791**	-0.2375**
VAR50	-0.0094	0.3384**	-0.3385**	-0.3282**	0.4030**	0.3082**	-0.1321*	-0.4644**	-0.1247
VAR51	-0.0015	0.3080**	-0.1640*	-0.1317	0.1749**	0.2511**	-0.0201	-0.2564**	-0.1452*
VAR52	0.0952	-0.0352	0.0451	0.0550	-0.0009	0.0005	0.1791**	0.0699	0.1359*
VAR53	0.1268	0.1314	-0.0803	-0.0888	0.1958**	0.1340*	-0.0557	-0.1035	-0.1048
VAR54	0.1468*	-0.1863**	0.3071**	0.3074**	-0.2589**	-0.2397**	0.1488*	0.3912**	0.2644**
VAR55	0.2923**	-0.1859**	0.3148**	0.2789**	-0.1828**	-0.1139	0.2806**	0.2806**	0.2378**
VAR56	0.0927	-0.1620*	0.2340**	0.2190**	-0.1828**	-0.1868*	0.1184	0.2930**	0.2876**
VAR57	0.1729*	-0.0037	0.0878	0.1467*	0.0268	0.0375	0.2363**	0.0443	0.0765
VAR58	0.0881	-0.1235	0.3012**	0.3786**	-0.1118	-0.1718*	0.2723**	0.2412**	0.2899**
VAR59	-0.0110	0.2830**	-0.2718**	-0.2629**	0.2703**	0.2915**	-0.1050	-0.4161**	-0.2765**
VAR60	-0.0604	0.1919**	-0.1685*	-0.0545	0.2707**	0.2394**	-0.0941	-0.2353**	-0.1944**
VAR61	0.0389	0.3395**	-0.3002**	-0.2510**	0.3221**	0.2673**	-0.0371	-0.3132**	-0.0598
VAR62	0.1583*	0.0268	0.0021	0.0291	0.0215	0.0825	-0.0830	-0.0142	0.0220
VAR63	0.1289	0.1080	0.0423	0.0344	0.0973	0.0738	0.0282	-0.0393	-0.0381
VAR64	0.2972**	-0.1235	0.3179**	0.3472**	-0.1329*	-0.1716*	0.2050**	0.3532**	0.2899**
VAR65	0.0914	0.1626*	-0.1642*	-0.0956	0.2429**	0.1833**	-0.0332	-0.2080**	-0.1276
VAR66	0.1807**	0.0047	0.0528	0.1160	0.0176	0.0393	0.2339**	0.0191	0.0599
VAR67	0.0433	0.3523**	-0.3544**	-0.3012**	0.2405**	0.3200**	-0.0761	-0.4552**	-0.2704**
VAR68	-0.0060	0.2812**	-0.2150**	-0.1460*	0.2596**	0.2209**	-0.0348	-0.2797**	-0.1790**
VAR69	0.1935**	0.1609*	0.0114	-0.0404	0.0634	0.1402*	0.0155	-0.0724	-0.1221
VAR70	0.1740*	0.0796	-0.0189	0.0428	0.1463*	0.1145	0.1303	-0.0316	-0.0316
VAR71	0.0192	0.2569**	-0.2765**	-0.1617*	0.1921**	0.2346**	0.0012	-0.1805**	-0.1730*
VAR72	0.0458	0.3290**	-0.3015**	-0.1584*	0.1951**	0.2707**	-0.0939	-0.3611**	-0.1699*
VAR73	0.0080	0.1892**	-0.1833**	-0.1205	0.2691**	0.3103**	-0.1226	-0.2800**	-0.1588*
VAR74	0.0212	0.2836**	-0.2336**	-0.1027	0.1859**	0.1157	-0.0207	-0.2806**	-0.0336
VAR75	0.0296	0.2269**	-0.2596**	-0.1812**	0.2463**	0.1896**	-0.0140	-0.3163**	-0.0604
VAR76	0.0167	0.2383**	-0.1397*	-0.1415*	0.0598	0.1554*	-0.0672	-0.2409**	-0.0650
VAR77	0.1472*	0.1847**	-0.1773**	-0.1836**	0.1532*	0.1041	0.0815	-0.2364**	-0.2274**
VAR78	0.0473	0.2482**	-0.0489	-0.0559	0.0245	0.0627	0.0969	-0.1127	-0.0327
VAR79	0.1226	0.2918**	-0.1955**	-0.1452*	0.1995**	0.2768**	-0.0317	-0.2642**	-0.0393
VAR80	0.0688	0.3290**	-0.2002**	-0.1355*	0.1307	0.2007**	-0.0529	-0.2474**	-0.1214
VAR81	0.1421*	-0.3028**	0.4951**	0.4314**	-0.2473**	-0.2373**	0.2407**	0.5274**	0.3168**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR37 like hitting	VAR38 ignored	VAR39 joyful	VAR40 jealous	VAR41 jumpy	VAR42 like kicking	VAR43 kind	VAR44 like laughing	VAR45 lazy
VAR1	-0.1157	-0.0417	0.4131**	-0.0346	-0.0099	-0.2463**	0.4483**	0.0861	-0.1735*
VAR2	-0.0822	0.0126	0.1548*	0.0860	0.1287	0.0273	0.1044	0.1349*	-0.0638
VAR3	0.1108	0.1267	0.0337	0.0612	0.0440	0.0818	0.0373	0.0215	0.1369*
VAR4	0.1968**	0.1131	-0.1276	0.0787	-0.0177	0.3005**	-0.1204	-0.0404	0.1469*
VAR5	0.0341	0.1556*	-0.0245	0.1565*	-0.0221	0.0375	0.0750	0.0890	0.0389
VAR6	0.0893	0.0090	0.0101	0.0798	0.1441*	0.0945	-0.0632	0.0108	0.1380*
VAR7	-0.0170	0.0094	0.0818	-0.0072	0.0140	-0.0369	0.0659	-0.0217	-0.0226
VAR8	0.1256	0.1123	-0.0426	0.1881**	0.0554	0.0747	0.0230	0.0086	0.0628
VAR9	0.0622	-0.0124	-0.1606*	0.1180	0.0496	0.1784**	-0.1835**	0.0356	0.1949**
VAR10	0.1968**	0.0310	-0.1029	0.1073	0.0060	0.1698*	-0.2591**	0.0664	0.2229**
VAR11	0.1430*	-0.0253	0.1869**	0.0892	0.1443*	0.0521	0.1281	0.1218	-0.1065
VAR12	-0.0818	-0.0453	0.0945	-0.0838	-0.0186	-0.0116	0.1288	0.0118	0.0008
VAR13	-0.0651	-0.0244	0.4316**	0.0264	0.1265	-0.1411*	0.3691**	0.1904**	-0.2181**
VAR14	0.1051	0.0921	-0.1230	0.1657*	0.0499	0.1360*	-0.1018	-0.0056	0.1306
VAR15	0.0035	-0.0643	0.1494*	-0.0535	0.1149	-0.1068	0.1304	0.0182	-0.0778
VAR16	0.1694*	0.0689	0.0051	0.0463	0.0747	0.2612**	0.0002	0.1604*	0.0398
VAR17	0.1006	0.0770	-0.0163	0.1264	0.0356	0.0449	-0.1101	-0.0098	0.1751**
VAR18	0.0739	0.0462	-0.1127	0.2189**	0.1444*	0.1073	-0.1020	0.0912	0.1126
VAR19	0.2272**	0.0507	-0.0485	0.0577	0.0499	0.1360*	-0.0390	0.0428	0.1115
VAR20	0.1571*	0.1414*	-0.1610*	0.0731	0.0340	0.2314**	-0.2075**	0.0872	0.1264
VAR21	0.0752	0.1837**	-0.0594	0.1044	-0.0667	0.0826	-0.0418	-0.0125	0.0233
VAR22	0.0542	0.0521	0.3093**	-0.1143	0.2244**	0.0060	0.1998**	0.2675**	-0.0956
VAR23	0.1303	0.0462	-0.2200**	0.0943	-0.0005	0.0503	-0.2955**	0.0168	0.2230**
VAR24	0.2675**	0.0854	-0.1090	0.0678	0.0939	0.2982**	-0.2048**	0.0191	0.1740*
VAR25	-0.1311	-0.1070	0.3111**	0.0133	0.0523	-0.1826**	0.3766**	0.1273	-0.1875**
VAR26	-0.2209**	-0.1233	0.3142**	-0.0742	0.0366	-0.2844**	0.4980**	0.1065	-0.2079**
VAR27	0.2041**	0.0836	-0.0581	0.1090	-0.0523	0.2106**	-0.0680	0.0189	0.1008
VAR28	0.1237	0.0018	0.1997**	0.1677*	0.3570**	0.1327*	0.1077	0.4781**	0.0054
VAR29	0.1919**	0.1714*	-0.2491**	0.1748**	0.0679	0.3132**	-0.3515**	0.0125	0.3641**
VAR30	-0.2273**	-0.1334*	0.4953**	-0.0793	0.0757	-0.2102**	0.5212**	0.1832**	-0.2647**
VAR31	-0.1143	-0.0085	0.5784**	-0.0584	0.1394*	-0.1912**	0.4337**	0.2152**	-0.2332**
VAR32	0.2089**	0.1206	-0.2474**	0.0896	-0.0586	0.1206	-0.2883**	-0.0655	0.1979**
VAR33	0.1505*	0.1053	-0.2294**	0.2164**	0.1011	0.2920**	-0.3151**	-0.0131	0.3038**
VAR34	-0.0052	0.0353	0.2038**	0.0082	0.1082	0.0060	0.1489*	0.2675**	-0.1421*
VAR35	-0.1989**	-0.1230	0.5330**	-0.1041	0.0170	-0.2054**	0.5809**	0.1522*	-0.2100**
VAR36	-0.1479*	-0.1185	0.3860**	0.0754	0.0585	-0.1314	0.4105**	0.0745	-0.1288
VAR37	1.0000	-0.0245	-0.1077	0.0734	0.0576	0.4088**	-0.2388**	0.0694	0.1516*
VAR38	-0.0245	1.0000	-0.0207	0.0595	0.1011	0.0056	-0.0418	0.0211	0.1029
VAR39	-0.1077	-0.0207	1.0000	-0.0513	0.1473*	-0.2070**	0.4817**	0.2414**	-0.2131**
VAR40	0.0734	0.0595	-0.0513	1.0000	0.0791	0.1591*	-0.0678	0.0326	0.1564*
VAR41	0.0576	0.1011	0.1473*	0.0791	1.0000	0.0198	0.0573	0.2926**	-0.0023
VAR42	0.4088**	0.0056	-0.2070**	0.1591*	0.0198	1.0000	-0.3243**	0.1190	0.1349*
VAR43	-0.2388**	-0.0418	0.4817**	-0.0678	0.0573	-0.3243**	1.0000	0.1339*	-0.3354**
VAR44	0.0694	0.0211	0.2414**	0.0326	0.2926**	0.1190	0.1339*	1.0000	-0.0992
VAR45	0.1516*	0.1029	-0.2131**	0.1564*	-0.0023	0.1349*	-0.3354**	-0.0992	1.0000
VAR46	-0.0434	-0.1192	0.2311**	-0.0429	-0.0859	-0.0940	0.3732**	0.0868	-0.2503**
VAR47	0.0623	0.1120	-0.1344*	0.1179	0.0808	0.1462*	-0.1658*	-0.0247	0.2001**
VAR48	-0.0243	-0.0660	0.3219**	-0.0327	0.0869	-0.0527	0.2394**	0.1726*	-0.2176**
VAR49	0.4435**	0.0986	-0.1690*	0.0318	0.0684	0.3173**	-0.3909**	-0.0444	0.2933**
VAR50	0.1835*	0.1123	-0.3191**	0.1881**	-0.0061	0.2723**	-0.3364**	-0.0467	0.3036**
VAR51	0.1784**	0.1541*	-0.1230	0.2521**	0.1217	0.1360*	-0.2487**	0.0428	0.2839**
VAR52	-0.0439	0.0593	0.1126	0.0266	0.0570	-0.0362	0.1406*	0.1578*	-0.0500
VAR53	0.1269	0.1703*	-0.0125	0.1160	0.1606*	0.1784**	-0.0909	0.0499	0.0934
VAR54	-0.2201**	-0.0887	0.2783**	-0.0515	0.0391	-0.1768**	0.3776**	0.1756**	-0.2302**
VAR55	-0.0725	-0.0406	0.3880**	0.0063	0.1970**	-0.0197	0.2628**	0.3639**	-0.1498*
VAR56	-0.1788**	-0.0161	0.1743*	-0.0495	0.0649	-0.1440*	0.4011**	0.0893	-0.1400*
VAR57	0.0716	-0.0012	0.1775**	0.1453*	0.1625*	0.0236	0.0161	0.3143**	-0.0992
VAR58	-0.0244	-0.1087	0.3172**	-0.0265	0.0733	-0.0321	0.3332**	0.1895**	-0.1691*
VAR59	0.1939**	0.2117**	-0.2541**	0.1233	0.0176	0.0904	-0.2919**	-0.0868	0.3025**
VAR60	0.2180**	0.0482	-0.1007	0.0969	-0.0726	0.1896**	-0.2281**	-0.0801	0.2508**
VAR61	0.2029**	0.1348*	-0.2429**	0.1868**	0.0809	0.2091**	-0.1930**	-0.0345	0.2451**
VAR62	0.0444	0.0141	0.0591	0.0906	0.0929	0.0481	-0.0769	0.1094	0.1629*
VAR63	0.0273	0.0461	0.0405	0.0707	0.0913	0.0046	-0.0077	0.1376*	0.0839
VAR64	-0.0652	-0.0050	0.4105**	-0.0626	0.1333*	-0.0734	0.3682**	0.3514**	-0.1691*
VAR65	0.1200	0.1311	-0.1447*	0.1179	0.0897	0.0502	-0.2056**	0.0726	0.1909**
VAR66	0.1018	-0.0304	0.1475*	0.1168	0.2055**	0.1146	0.0112	0.2796**	-0.0045
VAR67	0.3057**	0.0992	-0.2491**	0.0993	0.0470	0.3132**	-0.3271**	-0.0689	0.2525**
VAR68	0.1842**	0.1547*	-0.1585*	0.1608*	0.0262	0.1095	-0.2330**	0.0405	0.2043**
VAR69	0.1225	0.0768	-0.0449	0.1545*	0.2241**	0.0475	-0.0723	0.1441*	0.2255**
VAR70	0.2640**	0.0560	0.0690	0.1330*	0.1892**	0.2118**	-0.1044	0.1924**	-0.0050
VAR71	0.2609**	0.1102	-0.1102	0.1611*	0.0596	0.1504*	-0.0934	-0.0820	0.2678**
VAR72	0.3331**	0.0943	-0.1526*	0.1446*	-0.0129	0.2148**	-0.3149**	0.0371	0.2953**
VAR73	0.2908**	0.1044	-0.1153	0.1231	0.1225	0.2573**	-0.2111**	-0.0806	0.2232**
VAR74	0.0363	0.1778**	-0.1739*	0.1179	0.0998	0.1200	-0.1213	0.0096	0.2408**
VAR75	0.1965**	0.1083	-0.1839**	0.1323*	0.1089	0.1411*	-0.1420*	-0.0613	0.2062**
VAR76	0.0457	0.0700	-0.1771**	0.0195	0.0409	0.1073	-0.1746*	-0.0205	0.2893**
VAR77	0.1620*	0.0689	-0.0827	0.0845	0.1507*	0.0864	-0.1697*	0.0842	0.1896**
VAR78	0.0544	0.0987	-0.0294	0.1108	0.0618	0.1314	-0.0491	0.0955	0.1104
VAR79	0.1785**	0.0763	-0.1174	0.1269	0.2130**	0.2366**	-0.1725*	0.0714	0.2223**
VAR80	0.0535	0.1469*	-0.0816	0.0621	0.0556	0.1206	-0.1016	-0.0040	0.1979**
VAR81	-0.1331*	-0.0494	0.5174**	-0.0078	0.1169	-0.1408*	0.4337**	0.2100**	-0.4253**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR46 liked	VAR47 lonely	VAR48 lucky	VAR49 mean	VAR50 miserable	VAR51 mixed-up	VAR52 needed	VAR53 nervous	VAR54 okay
VAR1	0.2439**	-0.1084	0.2838**	-0.3317**	-0.3492**	-0.1243	0.0651	-0.0617	0.3208**
VAR2	0.0817	-0.0961	0.1458*	-0.0855	-0.0343	-0.0709	-0.0340	-0.0484	0.1200
VAR3	-0.0076	0.1953**	0.0030	0.1515*	0.0514	0.1334*	0.0385	0.1250	-0.1197
VAR4	-0.0406	0.1800**	-0.0491	0.2478**	0.1619*	0.1453*	-0.0448	0.1544*	-0.1870**
VAR5	0.0322	0.0830	0.0360	0.0636	0.1137	0.1158	-0.0150	0.0178	-0.0078
VAR6	-0.1267	0.0810	-0.0408	0.1358*	0.1837**	0.2117**	-0.0589	0.1233	-0.1164
VAR7	0.1276	0.0547	0.1061	-0.0021	0.0428	-0.0152	-0.0282	0.0803	-0.0010
VAR8	-0.0389	0.0789	0.0231	0.0204	0.0906	0.0656	-0.0385	0.1172	-0.0341
VAR9	-0.1029	0.1718*	-0.1386*	0.1729*	0.2779**	0.2210**	0.0103	0.0835	-0.1378*
VAR10	-0.0873	0.0962	-0.0715	0.3195**	0.0412	0.1453*	-0.0448	0.1311	-0.1331*
VAR11	0.1108	-0.0786	0.2294**	-0.0174	-0.0819	-0.0084	0.1000	0.0473	0.1028
VAR12	0.0880	-0.0519	0.0877	-0.1028	-0.1294	-0.0490	-0.0071	-0.0942	0.1456*
VAR13	0.2535**	-0.1781**	0.1697*	-0.1722*	-0.3237**	-0.1480*	0.1551*	-0.1651*	0.2640**
VAR14	-0.0865	0.2336**	-0.0293	0.0521	0.3248**	0.3033**	0.0323	0.2737**	-0.1030
VAR15	0.0650	-0.0677	0.1524*	-0.0633	-0.0886	-0.1737*	0.1247	-0.0198	0.1016
VAR16	0.0589	0.2259**	0.0221	0.0652	0.1826**	0.0900	-0.0353	0.1873**	-0.0640
VAR17	-0.1300	0.1819**	-0.0658	0.3104**	0.0977	0.1295	0.0605	0.0406	-0.1951**
VAR18	-0.0054	0.2280**	-0.1004	0.0236	0.2264**	0.2545**	0.1333*	0.1039	0.0082
VAR19	0.0217	0.1491*	0.0722	0.1334*	0.1338*	0.1640*	-0.0619	0.1682*	-0.1234
VAR20	-0.0965	0.1534*	-0.1793**	0.1636*	0.3496**	0.2328**	0.0860	0.1928**	-0.0770
VAR21	-0.0826	0.1339*	-0.0309	0.0423	0.1359*	0.0921	0.0768	0.1195	-0.0897
VAR22	0.0907	-0.0207	0.2294**	-0.0611	-0.2243**	-0.0823	0.0281	0.0724	0.1984**
VAR23	-0.0868	0.1549*	-0.1004	0.2424**	0.2789**	0.2545**	-0.0027	0.1445*	-0.1801**
VAR24	-0.0845	0.1880**	-0.0255	0.3338**	0.2166**	0.2067**	0.0191	0.1650*	-0.2271**
VAR25	0.1735*	-0.1199	0.1814**	-0.3241**	-0.2406**	-0.1956**	0.0730	-0.1302	0.2990**
VAR26	0.1963**	-0.1853**	0.1277	-0.3424**	-0.2954**	-0.1689*	0.0940	-0.0495	0.2576**
VAR27	-0.0137	0.1638*	-0.0090	0.2320**	0.1118	0.1506*	0.0414	0.1501*	-0.1218
VAR28	0.0440	-0.0316	0.0633	0.0227	-0.0094	-0.0015	0.0852	0.1268	0.1468*
VAR29	-0.1963**	0.2345**	-0.2065**	0.3424**	0.3384**	0.3080**	-0.0382	0.1314	-0.1863**
VAR30	0.1547*	-0.2125**	0.3169**	-0.2960**	-0.3385**	-0.1640*	0.0451	-0.0803	0.3071**
VAR31	0.2262**	-0.1226	0.2557**	-0.1755**	-0.3282**	-0.1317	0.0550	-0.0888	0.3074**
VAR32	-0.0889	0.1054	-0.1761**	0.2283**	0.4030**	0.1749**	-0.0009	0.1959**	-0.2689**
VAR33	-0.1858**	0.1449*	-0.1920**	0.3447**	0.3082**	0.2511**	0.0005	0.1340*	-0.2397**
VAR34	0.1336*	-0.0378	0.2567**	-0.1268	-0.1321*	-0.0201	0.1791**	-0.0557	0.1488*
VAR35	0.2257**	-0.1621*	0.3062**	-0.3791**	-0.4644**	-0.2564**	0.0599	-0.1035	0.3912**
VAR36	0.2611**	-0.0540	0.2111**	-0.2375**	-0.1247	-0.1452*	0.1359*	-0.1048	0.2644**
VAR37	-0.0434	0.0623	-0.0243	0.4435**	0.1535*	0.1784**	-0.0439	0.1369	-0.2201**
VAR38	-0.1192	0.1120	-0.0660	0.0986	0.1123	0.1541*	0.0593	0.1703*	-0.0887
VAR39	0.2311**	-0.1344*	0.3219**	-0.1690*	-0.3191**	-0.1230	0.1126	-0.0125	0.2783**
VAR40	-0.0429	0.1179	-0.0327	0.0318	0.1881**	0.2521**	0.0266	0.1160	-0.0515
VAR41	-0.0859	0.0808	0.0869	0.0684	-0.0061	0.1217	0.0570	0.1606*	0.0391
VAR42	-0.0840	0.1462*	-0.0927	0.3173**	0.2723**	0.1360*	-0.0362	0.1784**	-0.1768**
VAR43	0.3732**	-0.1658*	0.2394**	-0.3909**	-0.3364**	-0.2487**	0.1406*	-0.0909	0.3776**
VAR44	0.0868	-0.0247	0.1726*	-0.0444	-0.0467	0.0428	0.1578*	0.0499	0.1756**
VAR45	-0.2503**	0.2001**	-0.2176**	0.2933**	0.3036**	0.2839**	-0.0500	0.0934	-0.2302**
VAR46	1.0000	-0.2129**	0.1891**	-0.2478**	-0.2011**	-0.2076**	0.1487*	-0.0883	0.2639**
VAR47	-0.2129**	1.0000	-0.1394*	0.1665*	0.2458**	0.3181**	-0.0282	0.1903**	-0.2329**
VAR48	0.1891**	-0.1394*	1.0000	-0.2043**	-0.2089**	-0.1477*	0.1163	-0.1087	0.2268**
VAR49	-0.2478**	0.1665*	-0.2043**	1.0000	0.2371**	0.2960**	-0.0532	0.1250	-0.3975**
VAR50	-0.2011**	0.2458**	-0.2089**	0.2371**	1.0000	0.3157**	-0.0093	0.1172	-0.3605**
VAR51	-0.2076**	0.3181**	-0.1477*	0.2960**	0.3157**	1.0000	-0.0787	0.2210**	-0.2254**
VAR52	0.1487*	-0.0282	0.1163	-0.0532	-0.0093	-0.0787	1.0000	-0.0790	0.1260
VAR53	-0.0883	0.1903**	-0.1087	0.1250	0.1172	0.2210**	-0.0790	1.0000	-0.2656**
VAR54	0.2699**	-0.2329**	0.2268**	-0.3975**	-0.3605**	-0.2254**	0.1260	-0.2656**	1.0000
VAR55	0.1732*	-0.0789	0.3105**	-0.1261	-0.1305	-0.1170	0.2594**	-0.0069	0.1794**
VAR56	0.1816**	-0.1643*	0.1251	-0.3509**	-0.1677*	-0.2340**	0.1244	-0.0824	0.2787**
VAR57	0.0664	-0.0237	0.2890**	0.0685	-0.0059	0.0734	0.1063	-0.0314	0.0694
VAR58	0.2845**	-0.1479*	0.4220**	-0.1608*	-0.2024**	-0.1848**	0.1531*	-0.0578	0.2313**
VAR59	-0.3162**	0.2271**	-0.2408**	0.4031**	0.3050**	0.3161**	-0.0848	0.1947**	-0.3835**
VAR60	-0.1124	0.0865	-0.0750	0.3447**	0.1824**	0.0860	-0.0460	0.0368	-0.2679**
VAR61	-0.1705*	0.3734**	-0.2443**	0.2268**	0.3801**	0.3711**	0.0379	0.2090**	-0.3448**
VAR62	-0.0317	0.0327	-0.0201	0.0408	0.0204	0.0792	0.0614	0.1489*	-0.0086
VAR63	-0.0354	0.2445**	0.0475	0.1278	0.0981	0.3091**	0.0769	0.2456**	-0.0834
VAR64	0.2993**	-0.1832**	0.2099**	-0.2514**	-0.2214**	-0.1682*	0.1953**	0.0009	0.2995**
VAR65	-0.1072	0.1030	-0.0708	0.1197	0.2439**	0.2663**	-0.0397	0.2296**	-0.1424*
VAR66	0.0402	-0.0529	0.2674**	0.0602	0.0018	0.0282	0.1974**	-0.0483	-0.0339
VAR67	-0.2168**	0.2590**	-0.1868**	0.4055**	0.3648**	0.3848**	-0.0744	0.1724*	-0.2814**
VAR68	-0.1261	0.2153**	-0.2243**	0.3018**	0.3425**	0.3239**	-0.0222	0.2572**	-0.3464**
VAR69	0.0144	0.1862**	-0.0411	0.1073	0.1254	0.2918**	0.1024	0.1888**	-0.0294
VAR70	0.0187	0.0757	0.0923	0.2421**	0.1032	0.0357	0.1257	0.0950	-0.0949
VAR71	-0.0657	0.3232**	-0.0836	0.1624*	0.2180**	0.2529**	0.0179	0.2299**	-0.2236**
VAR72	-0.2215**	0.2128**	-0.1545*	0.4351**	0.3295**	0.2002**	-0.0009	0.2853**	-0.2689**
VAR73	-0.1108	0.2826**	-0.1601*	0.4328**	0.2536**	0.2788**	-0.0330	0.1649*	-0.3274**
VAR74	-0.0444	0.3501**	-0.1394*	0.1378*	0.3182**	0.3181**	0.0790	0.1343*	-0.0813
VAR75	-0.2035**	0.3035**	-0.1577*	0.3163**	0.3288**	0.3337**	-0.0153	0.1348*	-0.2528**
VAR76	-0.1682*	0.2523**	-0.2369**	0.2111**	0.2002**	0.2545**	0.0750	0.2053**	-0.1565*
VAR77	-0.0743	0.1280	-0.1205	0.1576*	0.0981	0.2432**	0.0212	0.1282	-0.0609
VAR78	-0.0414	0.0845	0.0157	0.1077	0.1900**	0.1261	-0.0069	0.1048	-0.0494
VAR79	-0.1192	0.3533**	-0.1363*	0.2112**	0.2068**	0.2989**	0.0243	0.2433**	-0.1735*
VAR80	-0.1317	0.1859**	-0.1761**	0.0804	0.2295**	0.0737	-0.0437	0.1512*	-0.1391*
VAR81	0.2705**	-0.1605*	0.3152**	-0.2510**	-0.2856**	-0.1942**	0.1441*	-0.0933	0.2924**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR55 playful	VAR56 polite	VAR57 powerful	VAR58 proud	VAR59 refine	VAR60 rude	VAR61 sad	VAR62 sassy	VAR63 shy
VAR1	0.2457**	0.1603*	0.1168	0.1964**	-0.2695**	-0.2007**	-0.2231**	0.0474	0.0423
VAR2	0.1674*	0.1100	0.1838**	0.0395	-0.0673	-0.1193	-0.0905	0.0235	0.0001
VAR3	0.0836	-0.0849	0.0248	0.0430	0.1618*	0.1200	0.1946**	0.0039	0.1278
VAR4	-0.0842	-0.1397*	0.1065	-0.0962	0.2361**	0.3282**	0.2434**	-0.0748	0.1150
VAR5	-0.0857	-0.1031	0.0222	-0.0471	0.1683*	0.1492*	0.0896	0.0235	0.0894
VAR6	-0.0771	-0.0728	-0.0081	-0.0546	0.2173**	0.0808	0.2071**	0.0446	0.1871**
VAR7	-0.0016	-0.0386	0.0411	-0.0018	0.0804	0.0985	-0.0072	0.0821	0.1334*
VAR8	-0.0363	-0.0460	0.1231	0.0447	0.1026	0.0867	0.1089	-0.0106	0.0881
VAR9	-0.0506	-0.0824	-0.0029	-0.1168	0.2536**	0.0854	0.2299**	0.1280	0.0710
VAR10	-0.0623	-0.1867**	0.0425	-0.0302	0.0897	0.2354**	0.0870	0.1403*	0.1150
VAR11	0.1947**	0.0129	0.3511**	0.2622**	-0.0606	-0.0251	-0.0688	0.0297	-0.0849
VAR12	0.1952*	0.1861**	0.0346	0.0519	-0.1959*	-0.1142	-0.0728	0.0288	-0.0934
VAR13	0.2717**	0.1632*	0.0840	0.2149**	-0.2585**	-0.1036	-0.2247**	0.0060	0.0681
VAR14	-0.1170	-0.0031	-0.0395	-0.0185	0.1390*	0.0310	0.2293**	0.0250	0.0455
VAR15	0.1231	0.2093**	0.0037	0.0256	-0.1674*	-0.0499	-0.1122	-0.0182	-0.1045
VAR16	0.0423	-0.0374	0.0126	0.0346	0.0639	0.0688	0.2408**	0.0173	0.1678*
VAR17	0.0387	-0.1583*	0.0716	-0.0448	0.1386*	0.1842**	0.2029**	-0.0684	0.1081
VAR18	-0.0819	-0.0622	0.0231	-0.1153	0.1586*	0.0918	0.2236**	0.1174	0.0777
VAR19	0.0149	-0.1493*	0.0734	0.0148	0.2276**	0.1685*	0.0401	0.0792	0.1993**
VAR20	-0.0782	-0.0767	-0.0171	-0.0894	0.1455*	0.0923	0.3091**	-0.0267	0.3033**
VAR21	-0.0578	-0.0898	0.0323	0.0133	0.1437*	0.0196	0.1593*	0.0141	0.1829**
VAR22	0.2272**	0.1472*	0.0926	0.1646*	-0.1408*	-0.1609*	-0.1328*	-0.0172	0.0993
VAR23	-0.0628	-0.1546*	0.0789	-0.1193	0.2372**	0.1984*	0.2327**	0.0861	0.1393
VAR24	-0.0023	-0.0496	0.1708*	-0.1054	0.1985**	0.1702*	0.2678**	0.0769	0.0771
VAR25	0.1969**	0.2209**	-0.0031	0.2125**	-0.3985**	-0.2402**	-0.2660**	-0.0479	-0.0684
VAR26	0.1867*	0.3688**	0.0037	0.1818**	-0.2672**	-0.1918**	-0.1193	0.0362	-0.0058
VAR27	-0.0682	-0.1605*	0.0204	-0.0242	0.1981**	0.3025**	0.1589*	0.0786	0.0933
VAR28	0.2923**	0.0827	0.1729*	0.0881	-0.0110	-0.0604	0.0389	0.1583*	0.1389
VAR29	-0.1859**	-0.1620*	-0.0037	-0.1235	0.2930**	0.1919**	0.3395**	0.0269	0.1080
VAR30	0.3148**	0.2340**	0.0879	0.3012**	-0.3719**	-0.1685*	-0.3002**	0.0021	0.0423
VAR31	0.2789**	0.2190**	0.1467*	0.3786**	-0.2629**	-0.0645	-0.2510**	0.0291	0.0344
VAR32	-0.1828**	-0.1829**	0.0268	-0.1118	0.2703**	0.2707**	0.2221**	0.0218	0.0973
VAR33	-0.1139	-0.1668*	0.0375	-0.1716*	0.2915**	0.2394**	0.2673**	0.0825	0.0738
VAR34	0.2806**	0.1184	0.3362**	0.2723**	-0.1090	-0.0941	-0.0371	-0.0830	0.0282
VAR35	0.2806**	0.2930**	0.0443	0.3412**	-0.4161**	-0.2352**	-0.3133**	-0.0143	-0.0393
VAR36	0.2378**	0.2878**	0.0765	0.2889**	-0.2765**	-0.1944**	-0.0898	0.0230	-0.0381
VAR37	-0.0725	-0.1798**	0.0716	-0.0244	0.1939**	0.2180**	0.2029**	0.0444	0.0273
VAR38	-0.0406	-0.0161	-0.0013	-0.1087	0.2117**	0.0482	0.1348*	0.0141	0.0461
VAR39	0.3880**	0.1743*	0.1775**	0.3172**	-0.2541**	-0.1007	-0.2429**	0.0891	0.0408
VAR40	0.0063	-0.0495	0.1453*	-0.0265	0.1233	0.0868	0.1868**	0.0906	0.0707
VAR41	0.1970**	0.0649	0.1625*	0.0733	0.0176	-0.0726	0.0809	0.0929	0.0913
VAR42	-0.0197	-0.1440*	0.0236	-0.0321	0.0804	0.1896**	0.2091**	0.0481	0.0046
VAR43	0.2628**	0.4017**	0.0181	0.3332**	-0.3919**	-0.2281**	-0.1930**	-0.0769	-0.0077
VAR44	0.3639**	0.0893	0.3143**	0.1885**	-0.0868	-0.0801	-0.0345	0.1094	0.1376*
VAR45	-0.1498*	-0.1400*	-0.0892	-0.1681*	0.3025**	0.2508**	0.2451**	0.1629*	0.0839
VAR46	0.1732*	0.1818**	0.0664	0.2848**	-0.3162**	-0.1124	-0.1705*	-0.0317	-0.0354
VAR47	-0.0789	-0.1643*	-0.0237	-0.1479*	0.2271**	0.0885	0.3734**	0.0227	0.2445**
VAR48	0.3105**	0.1251	0.3990**	0.4330**	-0.2406**	-0.0790	-0.2443**	-0.0201	0.0475
VAR49	-0.1261	-0.3508**	0.0685	-0.1608*	0.4031**	0.3447**	0.2358**	0.0408	0.1278
VAR50	-0.1309	-0.1677*	-0.0059	-0.2034**	0.3050**	0.1824**	0.3801**	0.0204	0.0981
VAR51	-0.1170	-0.2340**	0.0734	-0.1848**	0.3161**	0.0860	0.3711**	0.0792	0.3091**
VAR52	0.2594**	0.1244	0.1063	0.1531*	-0.0848	-0.0460	0.0379	0.0614	0.0769
VAR53	-0.0069	-0.0824	-0.0316	-0.0878	0.1947**	0.0368	0.2080**	0.1489*	0.2456**
VAR54	0.1784**	0.2787**	0.0694	0.2313**	-0.3835**	-0.2679**	-0.3448**	-0.0086	-0.0834
VAR55	1.0000	0.2149**	0.2725**	0.3462**	-0.1978**	-0.1822**	-0.1458*	0.0984	0.1017
VAR56	0.2149**	1.0000	-0.0357	0.2675**	-0.2256**	-0.2159**	-0.1350*	-0.0848	-0.0810
VAR57	0.2725**	-0.0357	1.0000	0.1966**	-0.0002	-0.0740	-0.0397	0.0245	0.0610
VAR58	0.3462**	0.2675**	0.1966**	1.0000	-0.2879**	-0.0106	-0.1996**	-0.0249	0.0148
VAR59	-0.1978**	-0.2256**	-0.0002	-0.2879**	1.0000	0.3321**	0.3334**	0.0413	0.0595
VAR60	-0.1822**	-0.2159**	-0.0740	-0.0106	0.3321**	1.0000	0.1692*	0.0450	0.0434
VAR61	-0.1458*	-0.1350*	-0.0397	-0.1996**	0.3334**	0.1692*	1.0000	0.0658	0.2750**
VAR62	0.0984	-0.0848	0.0245	-0.0249	0.0413	0.0450	0.0658	1.0000	0.0381
VAR63	0.1017	-0.0810	0.0610	0.0148	0.0595	0.0434	0.2750**	0.0381	1.0000
VAR64	0.3524**	0.2230**	0.0348	0.2633**	-0.2509**	-0.1488*	-0.2589**	-0.0475	0.0331
VAR65	-0.0442	-0.1148	0.0628	-0.1460*	0.1792**	0.0987	0.2963**	0.1475*	0.2860**
VAR66	0.2402**	0.0238	0.5676**	0.2440**	-0.0653	0.0517	-0.0500	0.0823	0.0500
VAR67	-0.1859**	-0.2861**	0.0527	-0.1632*	0.2930**	0.3200**	0.3671**	0.0584	0.2103**
VAR68	-0.0907	-0.2303**	0.0682	-0.2154**	0.4430**	0.1908**	0.3987**	0.0349	0.2192**
VAR69	-0.0056	-0.0258	-0.0301	-0.0438	0.1215	0.0704	0.1779**	0.1302	0.1884**
VAR70	0.1806**	-0.0366	0.3571**	0.1017	0.0436	0.0913	0.0352	0.0819	-0.0003
VAR71	-0.0675	-0.1561*	-0.0205	-0.1006	0.2808**	0.1692*	0.3819**	0.0658	0.1967**
VAR72	-0.1189	-0.2085**	0.0473	-0.0694	0.3548**	0.3057**	0.1931**	0.0904	0.1811**
VAR73	-0.0801	-0.2008**	0.0822	-0.0631	0.3461**	0.3985**	0.2738**	0.0423	0.2354**
VAR74	-0.0614	-0.0324	0.0105	-0.0596	0.2876**	0.1741*	0.3985**	0.0802	0.2445**
VAR75	-0.1220	-0.1440*	-0.0364	-0.0734	0.3928**	0.2237**	0.4733**	-0.0864	0.2500**
VAR76	-0.0628	-0.0317	-0.1443*	-0.1345*	0.2607**	0.1554*	0.2781**	0.0549	0.2043**
VAR77	-0.0074	-0.1594*	0.0076	-0.1504*	0.3038**	0.1345*	0.2489**	0.0979	0.1521*
VAR78	0.0306	-0.0665	0.0471	0.0605	0.1281	0.1417*	0.0598	-0.0220	0.1433*
VAR79	-0.0064	-0.1452*	0.0658	-0.0741	0.2807**	0.1625*	0.4541**	0.1820**	0.3188**
VAR80	-0.1189	-0.0699	0.0063	-0.1118	0.2421**	0.1307	0.1921**	0.0560	0.0136
VAR81	0.3359**	0.1550*	0.1589*	0.3613**	-0.3400**	-0.1639*	-0.1949**	0.0982	0.0000

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	VAR64 like willing	VAR65 strange	VAR66 strong	VAR67 bad-tempered	VAR68 terrible	VAR69 tired	VAR70 tough	VAR71 trapped	VAR72 unfriendly
VAR1	0.2367**	-0.0872	0.0000	-0.2878**	-0.2873**	0.0008	-0.1249	-0.1018	-0.2595**
VAR2	0.0963	-0.0050	0.2351**	-0.0713	0.0434	-0.0375	0.0636	-0.0715	-0.0824
VAR3	-0.0023	0.0918	-0.0378	0.2183**	0.0349	0.1302	0.1048	0.1946**	0.1349
VAR4	-0.1622*	0.1331*	0.0953	0.2936**	0.2263**	0.0889	0.0642	0.1496*	0.3482**
VAR5	0.0812	-0.0224	-0.0093	0.0828	0.1804*	0.0897	-0.0418	0.1295	0.1192
VAR6	-0.1478*	0.1164	0.0354	0.2471**	0.2552**	0.1669*	0.0138	0.1275	0.2474**
VAR7	-0.0185	0.0010	0.0120	-0.0185	0.0180	-0.0114	0.1197	0.0637	-0.0276
VAR8	-0.0884	0.0807	0.1128	0.1000	0.1435*	-0.0385	0.0840	0.1638*	0.1138
VAR9	-0.1313	0.0874	0.0232	0.2543**	0.1995**	0.2334**	0.0801	0.0627	0.1512*
VAR10	-0.1182	0.0521	0.0125	0.1710*	0.1111	0.0889	0.0864	0.1183	0.2147**
VAR11	0.1320*	0.0215	0.3638**	0.0357	-0.0287	-0.0289	0.1950**	0.0546	0.0397
VAR12	0.0684	-0.0786	-0.0078	-0.0922	-0.2081**	-0.0207	0.0125	-0.0537	-0.1329*
VAR13	0.3868**	-0.0531	0.0786	-0.2968**	-0.1628*	-0.0188	-0.0191	-0.1136	-0.1798**
VAR14	-0.0850	0.0418	0.0767	0.1689*	0.1061	0.1907**	0.1197	0.1347*	0.0890
VAR15	0.1362*	0.0340	0.0103	-0.1341*	-0.1150	-0.0293	0.0040	0.0254	-0.0830
VAR16	0.0934	0.1362*	-0.0811	0.1498*	0.1258	0.0641	0.0326	0.1980**	0.2724**
VAR17	-0.1264	0.0949	0.1217	0.1350*	0.1040	0.0606	0.1403*	0.0868	0.1157
VAR18	-0.0194	0.0860	-0.0061	0.1849**	0.2242**	0.2304**	0.0527	0.1145	0.2058**
VAR19	0.0316	0.1642*	0.0839	0.2385**	0.2150**	0.1739*	0.0693	0.2283**	0.2509**
VAR20	0.0274	0.2489**	-0.0026	0.1995**	0.2399**	0.1033	0.0301	0.2095**	0.2079**
VAR21	-0.0050	0.0463	-0.0804	0.0751	0.0642	0.0768	-0.0488	0.0611	0.1306
VAR22	0.2992**	-0.0487	0.1039	-0.0761	-0.0877	0.0700	0.1167	-0.0371	-0.0324
VAR23	-0.0862	0.3036**	-0.0061	0.3720**	0.2996**	0.1333*	0.0721	0.1891*	0.2933**
VAR24	-0.1755**	0.1611*	0.1764**	0.2782**	0.0726	0.1610*	0.2638**	0.2179**	0.3083**
VAR25	0.3067**	-0.1218	-0.0096	-0.2529**	-0.2268**	-0.0224	-0.0005	-0.2392**	-0.2242**
VAR26	0.3387**	-0.1388*	-0.0047	-0.2983**	-0.1290	-0.0433	-0.1383*	-0.1743*	-0.2406**
VAR27	-0.1186	0.0786	0.0096	0.2005**	0.2122**	0.0405	0.0958	0.2125**	0.2242**
VAR28	0.3972**	0.0814	0.1807**	0.0432	-0.0060	0.1935**	0.1740*	0.0193	0.0458
VAR29	-0.1235	0.1636*	0.0047	0.3533**	0.2812**	0.1609*	0.0796	0.2569**	0.3290**
VAR30	0.3178**	-0.1642*	0.0638	-0.3544**	-0.2150**	0.0114	-0.0189	-0.2765**	-0.3018**
VAR31	0.3672**	-0.0996	0.1160	-0.3012**	-0.1460*	-0.0404	0.0428	-0.1617*	-0.1594*
VAR32	-0.1329*	0.3429**	0.0176	0.2408**	0.2586**	0.0634	0.1463*	0.1921**	0.1951**
VAR33	-0.1718*	0.1833**	0.0293	0.3200**	0.2208**	0.1402*	0.1145	0.2346**	0.2707**
VAR34	0.3080**	-0.0332	0.2339**	-0.0781	-0.0348	0.0155	0.1303	0.0012	-0.0939
VAR35	0.3632**	-0.2080**	0.0191	-0.4552**	-0.3787**	-0.0724	-0.0318	-0.1805**	-0.3611**
VAR36	0.3889**	-0.1276	0.0699	-0.2704**	-0.1790**	-0.1221	-0.0218	-0.1730*	-0.1699*
VAR37	-0.0693	0.1300	0.1019	0.3057**	0.1842**	0.1225	0.2640**	0.2609**	0.3331**
VAR38	-0.0080	0.1311	-0.0304	0.0992	0.1547*	0.0768	0.0560	0.1102	0.0943
VAR39	0.4105**	-0.1487*	0.1478*	-0.3491**	-0.1585*	-0.0449	0.0690	-0.1102	-0.1536*
VAR40	-0.0636	0.1179	0.1168	0.0993	0.1808*	0.1545*	0.1330*	0.1611*	0.1445*
VAR41	0.1353*	0.0887	0.3085**	0.0470	0.0262	0.2241**	0.1892**	0.0596	-0.0129
VAR42	-0.0734	0.0502	0.1146	0.3132**	0.1095	0.0475	0.2118**	0.1504*	0.2148**
VAR43	0.3682**	-0.2086**	0.0112	-0.3271**	-0.2330**	-0.0723	-0.1044	-0.0934	-0.3149**
VAR44	0.3514**	0.0736	0.3786**	-0.0689	0.0405	0.1441*	0.1924**	0.0920	0.0371
VAR45	-0.1691*	0.1909**	-0.0045	0.3535**	0.3043**	0.2255**	-0.0060	0.2678**	0.2953**
VAR46	0.2993**	-0.1073	0.0402	-0.2168**	-0.1381	0.0144	0.0187	-0.0657	-0.2215**
VAR47	-0.1832**	0.1030	-0.0529	0.3590**	0.2153**	0.1962**	0.0757	0.3232**	0.2128**
VAR48	0.2098**	-0.0709	0.3674**	-0.1868**	-0.2243**	-0.0411	0.0923	-0.0836	-0.1545*
VAR49	-0.2514**	0.1197	0.0602	0.4055**	0.3018**	0.1073	0.2421**	0.1624*	0.4351**
VAR50	-0.2214**	0.2438**	0.0018	0.3648**	0.3425**	0.1354	0.1032	0.2180**	0.2295**
VAR51	-0.1683*	0.2663**	0.0282	0.2848**	0.3239**	0.2918**	0.0357	0.2529**	0.2002**
VAR52	0.1953**	-0.0397	0.1874**	-0.0744	-0.0222	0.1024	0.1257	0.0178	-0.0009
VAR53	0.0009	0.2296**	-0.0483	0.1734*	0.2573**	0.1888**	0.0850	0.2298**	0.2853**
VAR54	0.2995**	-0.1424*	-0.0338	-0.2814**	-0.3464**	-0.0294	-0.0949	-0.2236**	-0.2689**
VAR55	0.3324**	-0.0442	0.2402**	-0.1859**	-0.0907	-0.0056	0.1806**	-0.0675	-0.1199
VAR56	0.2330**	-0.1148	0.0338	-0.2861**	-0.2303**	-0.0259	-0.0366	-0.1561*	-0.2055**
VAR57	0.0348	0.0628	0.3676**	0.0527	0.0682	-0.0301	0.3571**	-0.0205	0.0473
VAR58	0.2633**	-0.1460*	0.2440**	-0.1622*	-0.2154**	-0.0438	0.1017	-0.1008	-0.0894
VAR59	-0.2508**	0.1782**	-0.0653	0.2930**	0.4430**	0.1315	0.0436	0.2808**	0.3548**
VAR60	-0.1486*	0.0967	0.0517	0.3200**	0.1908**	0.0704	0.0813	0.1692*	0.3057**
VAR61	-0.2989**	0.2963**	-0.0500	0.3671**	0.3987**	0.1779**	0.0352	0.3819**	0.1921**
VAR62	-0.0475	0.1475*	0.0823	0.0984	0.0348	0.1302	0.0819	0.0658	0.0904
VAR63	0.0331	0.2850**	0.0500	0.2103**	0.2192**	0.1884**	-0.0003	0.1967**	0.1811**
VAR64	1.0000	-0.0778	0.0376	-0.2591**	-0.1062	-0.0299	0.0174	-0.0811	-0.1541*
VAR65	-0.0778	1.0000	0.0007	0.2338**	0.2348**	0.2020**	0.0605	0.1993**	0.2429**
VAR66	0.0376	0.0007	1.0000	0.0236	0.0394	0.0678	0.4624**	0.0654	0.0382
VAR67	-0.2591**	0.2338**	0.0236	1.0000	0.2304**	0.1609*	0.1578*	0.2845**	0.4174**
VAR68	-0.1062	0.2348**	0.0394	0.2304**	1.0000	0.2174**	0.0301	0.2952**	0.3150**
VAR69	-0.0299	0.2020**	0.0678	0.1609*	0.2174**	1.0000	0.1115	0.2380**	0.1704*
VAR70	0.0174	0.0605	0.4624**	0.1578*	0.0301	0.1115	1.0000	0.0152	0.1036
VAR71	-0.0811	0.1993**	0.0654	0.2845**	0.2952**	0.2380**	0.0152	1.0000	0.3133**
VAR72	-0.1541*	0.2429**	0.0382	0.4174**	0.3150**	0.1704*	0.1036	0.3133**	1.0000
VAR73	-0.1164	0.1313	0.0496	0.4862**	0.3357**	0.2097**	0.1536*	0.3497**	0.3096**
VAR74	-0.0648	0.3195**	-0.0357	0.2348**	0.3309**	0.2398**	-0.0312	0.2479**	0.2397**
VAR75	-0.1767**	0.2275**	-0.0260	0.3988**	0.3528**	0.1938**	-0.0177	0.3265**	0.3777**
VAR76	-0.1345*	0.1565*	-0.1181	0.1314	0.2744**	0.2692**	0.0140	0.2236**	0.2933**
VAR77	-0.0654	0.2535**	0.0857	0.2100**	0.1952**	0.2999**	0.0824	0.2750**	0.1811**
VAR78	0.0446	0.0690	0.0796	0.2482**	0.1582*	0.1708*	0.0377	0.0598	0.1457*
VAR79	-0.1087	0.3007**	0.1041	0.2918**	0.3678**	0.2517**	0.0909	0.3313**	0.2784**
VAR80	-0.0271	0.1850*	-0.0030	0.2111**	0.2319**	0.1276	-0.0181	0.1919*	0.2595**
VAR81	0.3600**	-0.1391	0.0752	-0.3833**	-0.3071**	-0.1258	0.0138	-0.1949**	-0.3473**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR73 unkind	VAR74 unwanted	VAR75 upset	VAR76 weak	VAR77 weird	VAR78 like whining	VAR79 worried	VAR80 worthless	VAR81 wonderful
VAR1	-0.1880**	-0.1322*	-0.2148**	-0.0890	-0.1811**	-0.0487	-0.1732*	-0.1629*	0.3823**
VAR2	-0.0550	0.0570	0.0074	-0.0433	-0.0530	-0.1177	0.0626	-0.0932	0.1599*
VAR3	0.2159**	0.1665*	0.1491*	0.0549	0.0979	0.1596*	0.1549*	0.0904	-0.0100
VAR4	0.4150**	0.2080**	0.2351**	0.2877**	0.0569	0.1688*	0.1678*	0.2478**	-0.2071**
VAR5	0.0618	0.1142	0.0740	0.0836	0.0669	0.1491*	0.0739	0.1567*	0.0040
VAR6	0.1369*	0.1858**	0.2332**	0.2409**	0.2364**	0.1769**	0.2178**	0.1622*	-0.1102
VAR7	0.0875	0.0224	-0.0122	0.0020	0.0895	0.1642*	0.0094	0.0484	0.1067
VAR8	0.1443*	0.1975**	0.1876**	-0.0883	0.1232	0.0376	0.1831**	0.0849	-0.0631
VAR9	0.1931**	0.2090**	0.1784**	0.1242	0.1874**	0.1722*	0.2251**	0.1512*	-0.2339**
VAR10	0.1619*	0.0683	0.0063	0.1358*	0.0278	-0.0329	0.1405*	-0.0201	-0.1134
VAR11	0.0134	0.0123	-0.0124	-0.0683	0.0788	0.0981	0.0827	-0.0704	0.1621*
VAR12	-0.0176	-0.0690	-0.0916	-0.1574*	-0.0756	-0.2698**	-0.0620	-0.1734*	0.1218
VAR13	-0.0879	-0.1385*	-0.1411*	-0.1378*	-0.1688*	-0.0336	-0.1021	-0.1322*	0.4081**
VAR14	0.0875	0.1491*	0.2349**	0.1168	0.1114	0.1833**	0.1541*	0.1749**	-0.1234
VAR15	-0.0574	-0.0326	-0.1273	-0.1066	-0.1045	-0.2300**	-0.0986	-0.1251	0.2031**
VAR16	0.1608*	0.3005**	0.1738*	0.0647	0.1678*	0.1725*	0.1420*	0.1382*	0.0271
VAR17	0.2126**	0.0623	0.0752	0.0176	0.1351*	0.1479*	0.1278	0.0535	-0.0462
VAR18	0.1114	0.3010**	0.2498**	0.2852**	0.0270	0.1529*	0.2369**	0.2058**	-0.0900
VAR19	0.3107**	0.1703*	0.1607*	0.1168	0.1334*	0.1452*	0.2575**	0.0990	-0.1057
VAR20	0.1392*	0.3007**	0.1967**	0.1624*	0.3265**	0.1768**	0.2285**	0.1013	-0.1488*
VAR21	0.0381	0.1897**	0.1340*	0.0700	0.0004	0.1383*	0.0334	0.1206	-0.0127
VAR22	-0.0451	-0.0036	-0.0540	-0.0858	-0.0074	-0.0266	0.0353	-0.1144	0.2550**
VAR23	0.1849**	0.2523**	0.2783**	0.1529*	0.2296**	0.1529*	0.2608**	0.2642**	-0.2329**
VAR24	0.2783**	0.2102**	0.1681*	0.1020	0.1928**	0.1093	0.3685**	0.1016	-0.2473**
VAR25	-0.2488**	-0.1438*	-0.2106**	-0.1427*	-0.1679*	-0.0539	-0.2708**	-0.1382*	0.3173**
VAR26	-0.2263**	-0.1115	-0.1693*	-0.0780	-0.1336*	-0.0041	-0.0992	-0.0637	0.3441**
VAR27	0.3210**	0.1916**	0.0987	0.0907	0.0187	0.0323	0.2240**	0.0809	-0.0969
VAR28	0.0080	0.0212	0.0296	0.0167	0.1472*	0.0473	0.1226	0.0669	0.1421*
VAR29	0.1892**	0.2836**	0.2269**	0.2383**	0.1847**	0.2482**	0.2918**	0.3290**	-0.3029**
VAR30	-0.1832**	-0.2336**	-0.2596**	-0.1397*	-0.1773**	-0.0499	-0.1955**	-0.2002**	0.4951**
VAR31	-0.1205	-0.1027	-0.1912**	-0.1415*	-0.1936**	-0.0559	-0.1452*	-0.1355*	0.4314**
VAR32	0.2691**	0.1859**	0.2463**	0.0598	0.1532*	0.0245	0.1995**	0.1307	-0.2473**
VAR33	0.3103**	0.1157	0.1896**	0.1554*	0.1041	0.0627	0.2768**	0.2007**	-0.2373**
VAR34	-0.1226	-0.0207	-0.0140	-0.0672	0.0815	0.0969	-0.0317	-0.0529	0.2407**
VAR35	-0.2800**	-0.2806**	-0.3163**	-0.2408**	-0.2364**	-0.1127	-0.2642**	-0.2474**	0.5274**
VAR36	-0.1589*	-0.0338	-0.0604	-0.0650	-0.2274**	-0.0327	-0.0393	-0.1214	0.3166**
VAR37	0.2909**	0.0363	0.1965**	0.0457	0.1620*	0.0544	0.1785**	0.0535	-0.1331*
VAR38	0.1044	0.1778**	0.1083	0.0700	0.0689	0.0987	0.0763	0.1469*	-0.0494
VAR39	-0.1153	-0.1739*	-0.1839**	-0.1771**	-0.0827	-0.0294	-0.1174	-0.0816	0.5174**
VAR40	0.1231	0.1179	0.1323*	0.0195	0.0945	0.1108	0.1269	0.0621	-0.0078
VAR41	0.1225	0.0998	0.1089	0.0409	0.1507*	0.0618	0.2130**	0.0556	0.1169
VAR42	0.2573**	0.1200	0.1411*	0.1073	0.0864	0.1314	0.2366**	0.1206	-0.1409*
VAR43	-0.2111**	-0.1213	-0.1420*	-0.1746*	-0.1697*	-0.0491	-0.1725*	-0.1016	0.4337**
VAR44	-0.0806	0.0096	-0.0613	-0.0205	0.0842	0.0955	0.0714	-0.0040	0.2100**
VAR45	0.2232**	0.2408**	0.2062**	0.2893**	0.1896**	0.1104	0.2223**	0.1979**	-0.4253**
VAR46	-0.1108	-0.0444	-0.2035**	-0.1682*	-0.0743	-0.0414	-0.1192	-0.1317	0.2705**
VAR47	0.2826**	0.3501**	0.3035**	0.2523**	0.1280	0.0945	0.3533**	0.1859**	-0.1605*
VAR48	-0.1601*	-0.1394*	-0.1577*	-0.2369**	-0.1205	0.0157	-0.1363*	-0.1761**	0.3152**
VAR49	0.4329**	0.1378*	0.2163**	0.2111**	0.1576*	0.1077	0.2112**	0.0904	-0.2510**
VAR50	0.2536**	0.3182**	0.3288**	0.2002**	0.0981	0.1900**	0.2068**	0.2295**	-0.2856**
VAR51	0.2788**	0.3181**	0.3337**	0.2545**	0.2432**	0.1261	0.2989**	0.0737	-0.1942**
VAR52	-0.0330	0.0790	-0.0153	0.0750	0.0212	-0.0069	0.0243	-0.0437	0.1441*
VAR53	0.1649*	0.1343*	0.1348*	0.2053**	0.1292	0.1048	0.2433**	0.1512*	-0.0832
VAR54	-0.3274**	-0.0813	-0.2528**	-0.1565*	-0.0609	-0.0494	-0.1735*	-0.1391*	0.2824**
VAR55	-0.0801	-0.0614	-0.1220	-0.0628	-0.0074	0.0306	-0.0064	-0.1189	0.3259**
VAR56	-0.2008**	-0.0324	-0.1440*	-0.0317	-0.1594*	-0.0665	-0.1452*	-0.0699	0.1550*
VAR57	0.0822	0.0105	-0.0364	-0.1443*	0.0076	0.0471	0.0658	0.0063	0.1589*
VAR58	-0.0631	-0.0596	-0.0734	-0.1343*	-0.1504*	0.0605	-0.0741	-0.1118	0.2613**
VAR59	0.3461**	0.2976**	0.3928**	0.2603**	0.3038**	0.1281	0.2807**	0.2421**	-0.3400**
VAR60	0.3985**	0.1741*	0.2237**	0.1354*	0.1345*	0.1417*	0.1625*	0.1307	-0.1639*
VAR61	0.2739**	0.3985**	0.4733**	0.2781**	0.2489**	0.0598	0.4541**	0.1921**	-0.1949**
VAR62	0.0423	0.0802	-0.0864	0.0549	0.0979	-0.0220	0.1830**	0.0560	0.0382
VAR63	0.2354**	0.2445**	0.2500**	0.2043**	0.1521*	0.1433*	0.3198**	0.0136	0.0200
VAR64	-0.1164	-0.0949	-0.1767**	-0.1348*	-0.0954	0.0446	-0.1087	-0.0271	0.3500**
VAR65	0.1313	0.3195**	0.2275**	0.1565*	0.3535**	0.0690	0.3007**	0.1650*	-0.1291
VAR66	0.0496	-0.0357	-0.0260	-0.1121	0.0857	0.0796	0.1041	-0.0030	0.0752
VAR67	0.4862**	0.2345**	0.3995**	0.1314	0.2103**	0.2482**	0.2918**	0.2111**	-0.2823**
VAR68	0.3357**	0.3309**	0.3529**	0.2744**	0.1952**	0.1582*	0.2678**	0.2319**	-0.2071**
VAR69	0.2097**	0.2398**	0.1938**	0.2692**	0.2899**	0.1705*	0.2517**	0.1276	-0.1255
VAR70	0.1536*	-0.0312	-0.0177	0.0140	0.0924	0.0377	0.0909	0.0181	0.0135
VAR71	0.3497**	0.2479**	0.3265**	0.2236**	0.2750**	0.0598	0.3313**	0.1319*	-0.1949**
VAR72	0.3096**	0.2397**	0.2777**	0.2933**	0.1811**	0.1457*	0.2784**	0.2595**	-0.2473**
VAR73	1.0000	0.2149**	0.4157**	0.1849**	0.2002**	0.1589*	0.3362**	0.1475*	-0.1982**
VAR74	0.2149**	1.0000	0.4084**	0.2767**	0.2445**	0.1552*	0.4191**	0.2665**	-0.2169**
VAR75	0.4157**	0.4084**	1.0000	0.2213**	0.2227**	0.1551*	0.3650**	0.1520*	-0.1848**
VAR76	0.1849**	0.2767**	0.2213**	1.0000	0.1537*	0.1968**	0.2369**	0.2058**	-0.2125**
VAR77	0.2002**	0.2445**	0.2227**	0.1537*	1.0000	0.1853**	0.2742**	0.1811**	-0.1363*
VAR78	0.1589*	0.1552*	0.1551*	0.1968**	0.1853**	1.0000	0.0789	0.2184**	-0.0624
VAR79	0.3362**	0.4191**	0.3650**	0.2369**	0.2742**	0.0789	1.0000	0.2521**	-0.1230
VAR80	0.1475*	0.2665**	0.1520*	0.2058**	0.1811**	0.2184**	0.2521**	1.0000	-0.2248**
VAR81	-0.1982**	-0.2169**	-0.1848**	-0.2125**	-0.1363*	-0.0624	-0.1230	-0.2248**	1.0000

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

Table K

GRADES 5,6 MALES/FEMALES

PEARSON CORRELATION COEFFICIENTS

	VAR1 good	VAR2 active	VAR3 afraid	VAR4 angry	VAR5 ashamed	VAR6 awful	VAR7 bashful	VAR8 "blue"	VAR9 bored
VAR1	1.0000	0.1481*	-0.0719	-0.2134**	-0.0549	-0.3274**	0.0218	-0.2134**	-0.2436**
VAR2	0.1481*	1.0000	-0.0925	-0.0226	-0.0168	-0.0275	-0.0463	-0.0982	-0.0686
VAR3	-0.0719	-0.0925	1.0000	0.0271	0.2157**	0.0842	0.0976	0.0686	0.0982
VAR4	-0.2134**	-0.0226	0.0271	1.0000	0.0742	0.1215	0.0902	0.1718*	0.2208**
VAR5	-0.0549	-0.0168	0.2157**	0.0742	1.0000	-0.0725	0.0224	0.1962**	0.0678
VAR6	-0.3274**	-0.0275	0.0842	0.1215	-0.0725	1.0000	-0.0314	0.1642*	0.2387**
VAR7	0.0218	-0.0463	0.0976	0.0902	0.0224	-0.0314	1.0000	0.0033	-0.0570
VAR8	-0.2134**	-0.0982	0.0686	0.1718*	0.1962**	0.1642*	0.0033	1.0000	0.1157
VAR9	-0.2436**	-0.0686	0.0982	0.2208**	0.0678	0.2387**	-0.0570	0.1157	1.0000
VAR10	-0.2134**	-0.0136	0.1440*	0.1718*	0.0044	0.2269**	0.0320	0.1809*	0.1848*
VAR11	0.0254	0.2097**	-0.0960	0.0585	-0.0361	0.0503	0.0315	-0.0183	0.0346
VAR12	0.1843**	0.0129	-0.1781*	-0.1049	-0.1120	-0.3134**	0.0191	-0.0892	-0.2300**
VAR13	0.4273**	0.1882**	-0.1781*	-0.1660*	-0.0723	-0.1833**	0.0191	-0.1987**	-0.2624**
VAR14	-0.1096	-0.0914	0.1782*	0.1676*	0.2069**	0.1500*	0.1274	0.1772*	0.2100**
VAR15	0.2855**	0.1416*	-0.1412*	-0.2207**	-0.0684	-0.1764*	0.0016	-0.1250	-0.2326**
VAR16	-0.1660*	-0.1094	0.1586*	0.1523*	0.0484	0.2871**	0.1389*	0.1625*	0.1624*
VAR17	-0.2163**	0.0854	0.0322	0.1543*	-0.0198	0.1308	-0.0061	0.0583	0.1000
VAR18	-0.1699*	-0.0567	0.2060**	0.2313**	0.2320**	0.2726**	0.0482	0.2412**	0.1647*
VAR19	-0.1238	-0.0912	0.0828	0.0745	-0.0546	0.1034	-0.0487	0.1181	0.1837**
VAR20	-0.0884	-0.0617	0.0532	0.1257	0.1743*	0.1337	0.0317	0.0555	0.0815
VAR21	-0.0884	-0.0164	0.1340	0.0862	0.1743*	0.1000	0.0932	0.1405*	0.1025
VAR22	0.1911**	0.1745*	-0.0066	-0.0217	-0.0616	-0.0429	0.1312	0.0140	-0.1069
VAR23	-0.3330**	-0.0242	0.1176	0.2698**	0.1403*	0.2572**	0.0192	0.1854**	0.2284**
VAR24	-0.1969**	0.0707	0.1059	0.1595*	-0.1172	0.1592*	-0.0187	0.0079	0.2791**
VAR25	0.3974**	0.1480*	-0.1805*	-0.2337**	-0.0120	-0.2254**	-0.0409	-0.1576*	-0.2369**
VAR26	0.3680**	0.1109	-0.0231	-0.1795*	-0.0176	-0.2661**	-0.0006	-0.1481*	-0.1762*
VAR27	-0.2239**	0.0561	0.0221	0.2213**	0.0275	0.2542**	-0.0183	0.0421	0.2424**
VAR28	0.0962	0.0327	-0.0747	0.1106	0.0152	0.0130	0.1269	0.0164	-0.0117
VAR29	-0.0678	-0.0769	0.1176	0.0335	0.1588*	0.0823	-0.0440	0.2262**	0.1849**
VAR30	0.3278**	0.2500**	-0.0366	-0.1461*	-0.0202	-0.1849**	0.0167	-0.0205	-0.2400**
VAR31	0.3476**	0.2315**	-0.0914	-0.1080	-0.0328	-0.1866**	-0.0070	-0.0321	-0.2240**
VAR32	-0.3617**	-0.0482	0.0753	0.2933**	0.1063	0.1740*	0.0110	0.1928**	0.2941**
VAR33	-0.4700**	-0.1151	0.0567	0.1701*	0.0224	0.1729*	-0.0260	0.1753*	0.2399**
VAR34	0.1814*	0.1136	-0.0007	0.0657	-0.0217	0.0107	0.0338	-0.0351	0.0266
VAR35	0.4434**	0.1888**	-0.0289	-0.1442*	-0.0784	-0.2205**	0.0821	-0.1453*	-0.2047**
VAR36	0.2197**	0.1589*	0.0137	-0.0996	0.0498	-0.0216	0.0016	0.0270	-0.1663*
VAR37	-0.1510*	0.0525	0.1059	0.2229**	-0.0347	0.0512	-0.0187	0.0306	0.1445*
VAR38	-0.1051	-0.1238	0.2091**	0.0963	0.0275	0.0595	0.0442	0.1236	0.1840**
VAR39	0.4095**	0.2271**	-0.1262	-0.1129	-0.0891	-0.1576*	0.0430	-0.0196	-0.2187**
VAR40	-0.0272	0.0028	0.1577*	0.1128	0.1295	0.0476	-0.0455	0.1481*	0.0443
VAR41	0.0097	0.1672*	-0.0140	0.0316	0.0183	-0.0293	0.1980**	0.0229	0.0599
VAR42	-0.1836**	-0.0914	0.0388	0.0994	0.0739	0.1790*	-0.0051	0.1039	0.1930**
VAR43	0.3539**	0.1177	-0.0605	-0.1442*	0.0021	-0.0887	-0.0382	0.0100	-0.1391*
VAR44	0.1411*	0.1798*	-0.0605	0.0366	-0.0180	0.0281	0.0421	0.0645	-0.0448
VAR45	-0.1580*	-0.2118**	0.0347	0.1614*	0.0121	0.0786	-0.0297	0.0696	0.2693**
VAR46	0.2377**	0.1251	-0.0646	-0.1434*	-0.0570	0.0453	-0.0034	-0.1019	-0.2168**
VAR47	-0.3023**	-0.1361	0.0594	0.0840	0.1483*	0.0741	0.1322	0.1527*	0.1672*
VAR48	0.2838**	0.1918**	-0.0827	-0.0149	0.0656	-0.1150	-0.0662	-0.0566	-0.0679
VAR49	-0.2738**	-0.0916	0.1256	0.1947**	0.0656	0.1239	0.0232	0.0455	-0.2266**
VAR50	-0.3258**	-0.1392*	0.0958	0.1594*	-0.0484	0.2726**	0.1599*	0.1639*	0.1838**
VAR51	-0.2681**	-0.1997**	0.1440*	0.0414	0.1495*	0.2316**	0.0961	0.2162**	0.2567**
VAR52	0.0836	0.1115	-0.0107	0.0383	0.0069	-0.0380	-0.0623	0.1595*	-0.0946
VAR53	0.0009	-0.1236	0.3493**	-0.0084	0.1614*	0.1714*	0.1141	0.1496*	0.0972
VAR54	0.3468**	0.1405*	-0.1063	-0.2087**	-0.1483*	-0.1642*	-0.1180	-0.0752	-0.1353
VAR55	-0.1579*	0.1977**	-0.0225	-0.1204	-0.0386	-0.0398	0.0888	-0.0305	-0.1136
VAR56	0.1830**	0.0920	0.0323	-0.0474	-0.0135	-0.0220	0.0056	0.0142	-0.1171
VAR57	0.0772	0.1819*	-0.0798	0.0155	-0.0891	-0.0536	0.0814	-0.0095	-0.0330
VAR58	0.2873**	0.2284**	-0.0004	0.0106	-0.1149	-0.0474	-0.0048	0.0191	-0.0888
VAR59	-0.4222**	-0.1115	0.0560	0.2624**	0.1354	0.2368**	0.0164	0.2096**	0.2121**
VAR60	-0.0514	0.0022	0.1101	0.0612	0.0840	0.0846	-0.0144	0.1365	0.1668*
VAR61	-0.2386**	-0.1381	0.0567	0.1301	0.1265	0.1388*	0.0983	0.1753*	0.1126
VAR62	-0.1057	0.0479	-0.0054	-0.0099	-0.0155	0.0306	-0.0314	0.1328	0.1458*
VAR63	0.0485	-0.1120	0.1341	-0.0512	-0.0711	0.0729	0.3183**	-0.0195	-0.0542
VAR64	0.3075**	0.0600	-0.0227	-0.0683	-0.0612	-0.0523	-0.0363	0.0044	-0.1601*
VAR65	-0.0751	-0.0800	-0.0150	0.0754	0.1403*	0.0365	0.0444	0.2551**	0.2112**
VAR66	0.0959	0.1793*	-0.0920	0.0579	-0.1693*	-0.0917	0.1074	-0.0671	0.0311
VAR67	-0.2259**	-0.0051	0.1137	0.1806*	-0.0402	0.1101	-0.0182	0.0313	0.1746*
VAR68	-0.2668**	-0.1194	0.0686	0.2824**	0.1483*	0.1642*	-0.0253	0.2601**	0.2135**
VAR69	-0.1493*	-0.1569*	0.1035	0.0346	0.0860	0.1407*	0.1024	0.1583*	0.2216**
VAR70	-0.0160	0.1371	-0.0915	-0.0187	-0.1054	-0.0793	0.0575	0.0078	0.0056
VAR71	-0.1391*	-0.0782	0.1468*	0.1713*	0.1209	0.1833**	-0.0016	0.2561**	0.1838**
VAR72	-0.1855**	-0.0855	0.0757	0.1118	0.0910	0.0945	-0.0061	0.2109**	0.2355**
VAR73	-0.2957**	-0.0024	0.1290	0.1215	0.0415	0.1797*	0.0026	0.1014	0.1691*
VAR74	-0.1902**	-0.1729*	0.2382**	0.1199	0.1354	0.1458*	0.2104**	0.1841**	0.2121**
VAR75	-0.2048**	-0.1180	0.1577*	0.1829*	0.0382	0.2268**	0.0091	0.2486**	0.1558*
VAR76	-0.2016**	-0.2504**	0.1733*	-0.0177	0.1888**	0.0314	-0.0041	0.1435*	0.1166
VAR77	0.0060	-0.1243	0.0443	0.0369	0.1237	0.0112	0.1094	0.1628*	0.1379
VAR78	0.0131	-0.0379	-0.0198	0.0984	0.0807	0.0798	0.1090	0.1302	0.0903
VAR79	-0.0944	-0.2219**	0.2794**	-0.0564	0.2216**	0.0334	0.0910	0.1807*	0.0660
VAR80	-0.2167**	-0.1001	0.0189	0.0538	0.2354**	0.1097	0.1036	0.2690**	0.2518**
VAR81	0.3152**	0.2317**	-0.0846	-0.1574*	-0.0279	-0.1537*	-0.0642	-0.0829	-0.2333**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR10 bossy	VAR11 brave	VAR12 calm	VAR13 cheerful	VAR14 confused	VAR15 cooperative	VAR16 like crying	VAR17 cruel	VAR18 disappointed
VAR1	-0.2134**	0.0254	0.1843**	0.4273**	-0.1096	0.2855**	-0.1660*	-0.2163**	-0.1699*
VAR2	-0.0136	0.2097**	0.0129	0.1882**	-0.0914	0.1416*	-0.1094	0.0854	-0.0567
VAR3	0.1440*	-0.0960	-0.1781*	-0.1781*	0.1782*	-0.1412*	0.1586*	0.0332	0.2060**
VAR4	0.1718*	0.0585	-0.1049	-0.1660*	0.1676*	-0.2207**	0.1523*	0.1543*	0.2313**
VAR5	0.0044	-0.0361	-0.1120	-0.0723	0.2069**	-0.0684	0.0484	-0.0198	0.2320**
VAR6	0.2269**	0.0503	-0.3134**	-0.1833**	0.1500*	-0.1764*	0.2871**	0.1308	0.2726**
VAR7	0.0320	0.0315	0.0191	0.0191	0.1274	0.0016	0.1389*	-0.0061	0.0482
VAR8	0.1809*	-0.0183	-0.0892	-0.1987**	0.1772*	-0.1250	0.1625*	0.0583	0.2412**
VAR9	0.1548*	0.0346	-0.2300**	-0.2624**	0.2110**	-0.2306**	0.1604*	0.1000	0.1647*
VAR10	1.0000	0.1249	-0.2425**	-0.0892	0.1039	-0.2553**	0.2125**	0.4550**	0.1382
VAR11	0.1249	1.0000	-0.0708	0.2174**	-0.0291	0.0194	-0.0118	0.1120	-0.0576
VAR12	-0.2425**	-0.0708	1.0000	0.1655*	-0.3121**	0.3165**	-0.1278	-0.2154**	-0.1766*
VAR13	-0.0892	0.2174**	0.1655*	1.0000	-0.2312**	0.3345**	-0.1692*	-0.1143	-0.0913
VAR14	0.1039	-0.0291	-0.3121**	-0.2312**	1.0000	-0.2415**	-0.0526	0.1348	0.2777**
VAR15	-0.2553**	0.0194	0.3165**	0.3345**	-0.2415**	1.0000	-0.1646*	-0.2581**	-0.1257
VAR16	0.2125**	-0.0118	-0.1278	-0.1692*	-0.0526	-0.1646*	1.0000	0.1591*	0.1040
VAR17	0.4550**	0.1120	-0.2154**	-0.1143	0.1348	-0.2581**	0.1591*	1.0000	-0.0722
VAR18	0.1382	-0.0576	-0.1766*	-0.0913	0.2777**	-0.1257	0.1040	-0.0722	1.0000
VAR19	0.0931	0.0668	-0.1699*	-0.1286	0.1820*	-0.1815*	0.1878**	0.0611	0.2232**
VAR20	0.1688*	0.0166	-0.1392*	-0.0688	0.2518**	-0.0853	-0.0256	0.2521**	0.1258
VAR21	0.1122	-0.0273	-0.0688	-0.0688	0.1471*	-0.1085	0.0280	-0.0097	0.2362**
VAR22	-0.0250	0.1866**	0.0506	0.3250**	-0.0702	0.2762**	-0.0435	-0.0445	-0.1133
VAR23	0.3945**	0.1646*	-0.2945**	-0.1983**	0.2309**	-0.3027**	0.2000**	0.1576*	0.3014**
VAR24	0.4170**	0.1671*	-0.1553*	-0.0988	0.0626	-0.1638*	0.1030	0.4049**	0.0141
VAR25	-0.2269**	0.0450	0.2495**	0.4409**	-0.2041**	0.3338**	-0.1972**	-0.1804*	-0.1833**
VAR26	-0.2420**	0.0459	0.1720*	0.3472**	-0.0683	0.2588**	-0.2503**	-0.3013**	-0.0379
VAR27	0.3650**	0.1079	-0.2365**	-0.1149	0.1410*	-0.1803*	0.2576**	0.3743**	0.1162
VAR28	0.0562	0.1425*	-0.1051	0.2080**	0.0370	0.0880	0.0302	0.0411	0.0326
VAR29	0.1990**	0.1705*	-0.2448**	-0.0421	0.2471**	-0.1468*	0.1217	0.0706	0.2881**
VAR30	-0.1909**	0.0408	0.1636*	0.3930**	-0.0997	0.3096**	-0.1134	-0.1163	-0.0642
VAR31	-0.0728	0.1015	0.1568*	0.4435**	-0.1721*	0.2778**	-0.1629*	-0.1888**	-0.0902
VAR32	0.3812**	0.0924	-0.2365**	-0.2811**	0.2150**	-0.2942**	0.1695*	0.2840**	0.2546**
VAR33	0.3760**	0.1203	-0.1709*	-0.2421**	0.1539*	-0.2575**	0.1389*	0.1925**	0.1878**
VAR34	0.0621	0.2462**	-0.0267	0.1826*	0.0302	0.0550	-0.0391	0.0530	-0.0087
VAR35	-0.1675*	0.0486	0.1272	0.4397**	-0.1847**	0.2627**	-0.1344	-0.1501*	-0.1684*
VAR36	0.0053	0.0194	0.1726*	0.2625**	-0.0408	0.1079	-0.0414	-0.1076	-0.0199
VAR37	0.2579**	0.0967	-0.2118**	-0.1176	0.1046	-0.1825*	0.0600	0.2474**	0.1470*
VAR38	0.1236	0.0338	-0.0836	-0.2042**	0.1595*	-0.1348	0.2672**	0.1307	0.2482**
VAR39	-0.1392*	0.0784	0.1592*	0.4729**	-0.1511*	0.2438**	-0.0694	-0.2048**	-0.1136
VAR40	0.0475	0.0607	0.0107	-0.0726	0.0950	-0.0439	0.0008	0.0358	0.1555*
VAR41	0.1227	0.0863	-0.0481	0.0015	0.1365	-0.0026	-0.0423	0.1386*	0.0004
VAR42	0.2504**	0.0844	-0.2312**	-0.1097	0.1424*	-0.1612*	0.0860	0.1348	0.2301**
VAR43	-0.1675*	-0.0029	0.1823*	0.3294**	-0.1027	0.2262**	-0.0504	-0.2013**	-0.1251
VAR44	0.1227	0.2198**	-0.0570	0.2322**	0.0311	0.1174	-0.0019	-0.0381	0.0369
VAR45	0.1092	0.0603	-0.1289	-0.1618*	0.1396*	-0.1966**	0.0647	0.1502*	0.1032
VAR46	-0.1231	0.0680	0.1056	0.2287**	-0.1544*	0.1817*	0.0091	-0.1621*	-0.1018
VAR47	0.1291	-0.0157	-0.0803	-0.2174**	0.2259**	-0.1685*	0.0299	0.0878	0.1802*
VAR48	0.0222	0.1027	0.0782	0.2577**	-0.0700	0.1292	-0.0212	0.0203	-0.1087
VAR49	0.3506**	0.0736	-0.1701*	-0.2160**	0.1852**	-0.2534**	0.0758	0.3035**	-0.0599
VAR50	0.1639*	0.0023	-0.1980**	-0.2620**	0.3015**	-0.1891**	0.2014**	0.1954**	0.3226**
VAR51	0.1726*	0.0762	-0.2323**	-0.1420*	0.4478**	-0.2028**	0.0844	0.1865**	0.2572**
VAR52	0.0350	0.1319	-0.0197	0.0662	0.0673	-0.0087	-0.0196	-0.0042	-0.0458
VAR53	0.1941**	-0.0029	-0.1696*	-0.0588	0.1689*	-0.0858	0.1366	0.0250	0.1845**
VAR54	-0.1544*	-0.0226	0.1987**	0.3300**	-0.2016**	0.2118**	-0.1625*	-0.1499*	-0.1639*
VAR55	0.0284	0.1378	-0.0121	0.1670*	0.0099	0.1524*	0.0189	-0.0654	-0.0435
VAR56	-0.1329	0.0184	0.1777*	0.2299**	-0.0638	0.1485*	-0.0659	-0.1765*	0.0120
VAR57	0.2428**	0.3710**	-0.0191	0.0934	0.0371	0.0303	0.0372	0.1252	0.0166
VAR58	0.0980	0.2302**	0.0336	0.2951**	-0.0554	0.1014	-0.0600	-0.0506	0.0032
VAR59	0.1586*	0.0089	-0.3177**	-0.2754**	0.2473**	-0.2448**	0.1496*	0.2200**	0.2411**
VAR60	0.2554**	0.0786	-0.1967**	-0.0490	0.2305**	-0.1892**	0.1506*	0.2799**	0.0936
VAR61	0.0033	-0.0573	-0.1234	-0.1421**	0.2069**	-0.1633*	0.2474**	0.0601	0.1319
VAR62	0.2897**	0.0746	-0.1833**	-0.0833	0.0049	-0.1248	0.1089	0.3482**	-0.0333
VAR63	0.0442	-0.0065	-0.0611	0.0445	0.0402	-0.0029	0.0526	0.0265	0.0336
VAR64	-0.0358	-0.0037	0.0662	0.3330**	-0.0963	0.2356**	-0.0775	-0.1270	-0.1314
VAR65	0.1390*	0.0746	-0.0636	0.1598*	0.1450*	-0.1309	-0.0197	0.1040	0.1656*
VAR66	0.1083	0.3428**	-0.0581	0.1196	-0.0377	-0.0395	-0.0450	0.0880	-0.1166
VAR67	0.3274**	0.0299	-0.2365**	-0.1696*	0.1404*	-0.2500**	0.1695*	0.2530**	0.1759*
VAR68	0.1809*	0.0431	-0.2206**	-0.1768*	0.2260**	-0.3204**	0.2125**	0.2719**	0.2927**
VAR69	0.1002	0.0747	-0.0045	-0.1009	0.1530*	-0.0853	0.1066	0.0266	0.2036**
VAR70	0.1844**	0.3081**	-0.0487	0.0326	-0.0497	-0.0833	-0.0575	0.1307	-0.1309
VAR71	0.1823*	0.0024	-0.2178**	-0.1567*	0.1933**	-0.2285**	0.1350	0.1674*	0.2598**
VAR72	0.2414**	0.1120	-0.1395*	-0.0890	0.1348	-0.1829*	0.1591*	0.1544*	0.0765
VAR73	0.3525**	0.0989	-0.2354**	-0.1313	0.1210	-0.2795**	0.1683*	0.4207**	0.0891
VAR74	0.1330	-0.0109	-0.1484*	-0.1484*	0.2237**	-0.1189	0.1012	0.0430	0.3406**
VAR75	0.0978	0.0023	-0.2184**	-0.2184**	0.2112**	-0.1472*	0.2387**	0.0939	0.4250**
VAR76	-0.0123	-0.0849	-0.0547	-0.1408*	0.1168	-0.1112	-0.0406	-0.0694	0.1778*
VAR77	0.0885	0.0535	-0.1017	-0.0196	0.1076	-0.0321	0.0440	0.1146	0.0968
VAR78	0.1302	0.1079	-0.1392*	0.0310	0.0596	-0.1321	0.2021**	0.1031	0.0018
VAR79	0.1114	-0.0271	-0.1539*	-0.1156	0.2468**	-0.0111	0.0661	-0.0330	0.2283**
VAR80	0.0950	0.0019	-0.1792*	-0.2033**	0.1877**	-0.1240	0.0878	0.0646	0.1948**
VAR81	-0.1031	0.1007	0.1591*	0.4271**	-0.1787*	0.2457**	-0.1956**	-0.2262**	-0.1386*

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR19 disturbed	VAR20 dumb	VAR21 embarrassed	VAR22 excited	VAR23 fed-up	VAR24 like fighting	VAR25 fine	VAR26 friendly	VAR27 furious
VAR1	-0.1238	-0.0884	-0.0884	0.1911**	-0.3330**	-0.1969**	0.3974**	0.3680**	-0.2239**
VAR2	-0.0912	-0.0617	-0.0164	0.1745*	-0.0242	0.0707	0.1480*	0.1109	0.0561
VAR3	0.0828	0.0532	0.1340	-0.0066	0.1176	0.1059	-0.1805*	-0.0231	0.0221
VAR4	0.0745	0.1257	0.0862	-0.0217	0.2698**	0.1595*	-0.2337**	-0.1795*	0.2213**
VAR5	-0.0546	0.1743*	0.1743*	-0.0616	0.1403*	-0.1172	-0.0120	-0.0176	0.0275
VAR6	0.1034	0.1337	0.1000	-0.0429	0.2572**	0.1592*	-0.2254**	-0.2661**	0.2542**
VAR7	-0.0487	0.0317	0.0932	0.1312	0.0192	-0.0187	-0.0409	-0.0006	-0.0183
VAR8	0.1181	0.0555	0.1405*	0.0140	0.1854**	0.0079	-0.1576*	-0.1481*	0.0421
VAR9	0.1837**	0.0815	0.1025	-0.1069	0.2284**	0.2791**	-0.2369**	-0.1762*	0.2424**
VAR10	0.0931	0.1688*	0.1122	-0.0250	0.3945**	0.4170**	-0.2269**	-0.2420**	0.3650**
VAR11	0.0668	0.0166	-0.0273	0.1866**	0.1646*	0.1671*	0.0450	0.0459	0.1079
VAR12	-0.1699*	-0.1392*	-0.0688	0.0506	-0.2945**	-0.1553*	0.2495**	0.1720*	-0.2365**
VAR13	-0.1286	-0.0688	-0.0688	0.3250**	-0.1983**	-0.0988	0.4409**	0.3472**	-0.1149
VAR14	0.1820*	0.2518**	0.1471*	-0.0702	0.2309**	0.0626	-0.2041**	-0.0683	0.1410*
VAR15	-0.1815*	-0.0853	-0.1085	0.2762**	-0.3027**	-0.1638*	0.3338**	0.2588**	-0.1803*
VAR16	0.1878**	-0.0256	0.0280	-0.0435	0.2000**	0.1030	-0.1972**	-0.2503**	0.2576**
VAR17	0.0611	0.2521**	-0.0097	-0.0445	0.1576*	0.4049**	-0.1804*	-0.3013**	0.3743**
VAR18	0.2232**	0.1258	0.2362**	-0.1133	0.3014**	0.0141	-0.1833**	-0.0379	0.1162
VAR19	1.0000	0.1075	0.0272	-0.0591	0.2286**	0.1650*	-0.2452**	-0.1285	0.1543*
VAR20	0.1075	1.0000	0.1185	-0.0491	0.1380	0.1464*	-0.1092	-0.1716*	0.1983**
VAR21	0.0272	0.1185	1.0000	-0.0491	0.0633	0.1220	-0.0596	-0.0708	0.0409
VAR22	-0.0591	-0.0491	-0.0491	1.0000	-0.1095	0.0060	0.2546**	0.1952**	0.0073
VAR23	0.2286**	0.1380	0.0633	-0.1095	1.0000	0.2814**	-0.3402**	-0.2772**	0.3924**
VAR24	0.1650*	0.1464*	0.1220	0.0060	0.2814**	1.0000	-0.3547**	-0.3347**	0.4220**
VAR25	-0.2452**	-0.1092	-0.0596	0.2546**	-0.3402**	-0.3547**	1.0000	0.4356**	-0.2331**
VAR26	-0.1285	-0.1716*	-0.0708	0.1952**	-0.2772**	-0.3347**	0.4356**	1.0000	-0.4034**
VAR27	0.1543*	0.1983**	0.0409	0.0073	0.3924**	0.4220**	-0.2331**	-0.4034**	1.0000
VAR28	0.0593	0.0960	0.1173	0.2686**	-0.0357	0.0929	0.0769	0.0403	0.1026
VAR29	0.2896**	0.1563*	0.0688	-0.0721	0.4456**	0.0481	-0.2495**	-0.1438*	0.1753*
VAR30	-0.1797*	0.0231	-0.0454	0.2523**	-0.2199**	-0.1757*	0.4181**	0.3661**	-0.1386*
VAR31	-0.1956**	0.0005	0.0005	0.3826**	-0.2757**	-0.1758*	0.4282**	0.2913**	-0.1358
VAR32	0.2567**	0.0065	0.0931	-0.1420*	0.4124**	0.2737**	-0.3594**	-0.3766**	0.4091**
VAR33	0.2220**	0.0010	-0.0605	-0.1434*	0.4224**	0.3018**	-0.3416**	-0.3320**	0.2682**
VAR34	0.0428	0.0011	-0.0406	0.2485**	0.0046	0.1515*	0.0217	0.0454	0.1016
VAR35	-0.0790	-0.0317	-0.0079	0.3344**	-0.2725**	-0.1709*	0.4018**	0.3646**	-0.1749*
VAR36	-0.1815*	-0.0154	0.0545	0.1642*	-0.1309	-0.1078	0.2769**	0.2974**	-0.1080
VAR37	0.1221	0.0976	0.1220	0.0060	0.2814**	0.5307**	-0.2354**	-0.3549**	0.3715**
VAR38	0.3369**	0.1166	0.0385	-0.0440	0.2033**	0.1407*	-0.2615**	-0.1495*	0.2175**
VAR39	-0.1569*	-0.0349	0.0720	0.3689**	-0.2484**	-0.1829*	0.3798**	0.3533**	-0.1276
VAR40	0.0387	0.1120	0.0850	0.0435	0.1248	0.0633	-0.0762	-0.0002	0.0752
VAR41	0.0476	0.1235	0.1449*	0.1684*	0.0773	0.1358	-0.0528	-0.1447*	0.1085
VAR42	0.2743**	0.1471*	0.0947	-0.0162	0.3382**	0.3567**	-0.2895**	-0.2637**	0.2766**
VAR43	-0.1209	-0.1031	-0.0555	0.2363**	-0.2335**	-0.2282**	0.3824**	0.4633**	-0.1502*
VAR44	0.0021	0.1153	0.0529	0.2424**	0.0692	0.1038	0.0576	0.1038	0.0414
VAR45	0.1458*	0.0474	-0.0164	-0.0994	0.1832**	0.1869**	-0.1928**	-0.1285	0.1188
VAR46	-0.1553*	-0.0878	-0.1333	0.1038	-0.1590*	-0.1342	0.2083**	0.1719*	-0.1588*
VAR47	0.2896**	0.1507*	0.0746	-0.0298	0.2004**	0.1179	-0.1949**	-0.1696*	0.1203
VAR48	-0.0754	0.0276	0.0065	0.1895**	-0.0800	0.0676	0.1932**	0.1301	0.0678
VAR49	0.0956	0.1972**	-0.0408	-0.1732*	0.3681**	0.3706**	-0.2656**	-0.3300**	0.4022**
VAR50	0.1746*	0.1258	0.0706	-0.0563	0.3240**	0.1913**	-0.2959**	-0.2668**	0.2020**
VAR51	0.2684**	0.2057**	0.1823*	-0.0112	0.2315**	0.2064**	-0.2061**	-0.1477*	0.1841**
VAR52	0.0678	-0.0019	0.0426	0.1749*	-0.0189	-0.0769	0.0971	0.0812	-0.0261
VAR53	0.2095**	0.1068	0.2024**	0.1825*	0.1018	0.0804	-0.1353	-0.0534	0.1292
VAR54	-0.1430*	-0.1122	-0.0838	0.1224	-0.2319**	-0.1443*	0.3655**	0.2890**	-0.1595*
VAR55	-0.0869	0.0121	0.0543	0.2197**	-0.0376	-0.0260	0.2193**	0.1397*	-0.0361
VAR56	-0.1626*	-0.1003	0.1025	0.1598*	-0.0527	-0.2284**	0.2121**	0.2142**	-0.1018
VAR57	0.0312	0.0067	-0.0349	0.1784*	0.0975	0.3095**	0.0310	-0.0312	0.1499*
VAR58	-0.1162	-0.0810	-0.0175	0.3415**	-0.0320	0.0467	0.3009**	0.2218**	0.0214
VAR59	0.2652**	0.2306**	0.1485*	-0.1229	0.2939**	0.1845**	-0.2661**	-0.2144**	0.2536**
VAR60	0.1895**	0.1732*	-0.0499	-0.0461	0.1941**	0.2288**	-0.1380	-0.2028**	0.2243**
VAR61	0.1678*	0.0625	0.0932	-0.0166	0.1704*	0.0306	-0.1161	-0.1536*	0.1409*
VAR62	0.1034	0.1000	0.0327	0.0034	0.1468*	0.3483**	-0.1705*	-0.2103**	0.2542**
VAR63	0.0804	-0.0306	0.0378	0.1575*	-0.0408	0.0311	-0.0959	0.0638	0.0146
VAR64	-0.0999	0.0366	-0.0281	0.3309**	-0.1467*	-0.1359	0.1923**	0.2508**	-0.0533
VAR65	0.0751	0.1629*	0.1629*	-0.0410	0.1220	0.1216	-0.1777*	-0.1120	0.0828
VAR66	-0.0073	-0.0519	-0.0728	0.2745**	0.0579	0.2871**	0.0543	0.0605	0.1345
VAR67	0.1296	0.1220	0.0931	-0.1817*	0.2941**	0.2737**	-0.2418**	-0.2808**	0.2895**
VAR68	0.2678**	0.1405*	0.1405*	-0.0639	0.2551**	0.1897**	-0.2038**	-0.2655**	0.2182**
VAR69	0.1085	0.1748*	0.1748*	0.0914	0.0994	0.1665*	-0.1249	-0.0993	0.0818
VAR70	0.0093	-0.0360	-0.0360	0.1774*	0.1372	0.2583**	-0.0093	-0.0311	0.0551
VAR71	0.3269**	0.1253	0.1516*	-0.0786	0.2157**	0.1315	-0.1244	-0.1828*	0.1454*
VAR72	0.2340**	0.0885	0.0885	-0.0895	0.2113**	0.3261**	-0.2604**	-0.3013**	0.2726**
VAR73	0.1923**	0.1674*	-0.0010	-0.0429	0.3400**	0.3213**	-0.2529**	-0.3778**	0.3239**
VAR74	0.2652**	0.0937	0.1211	0.0465	0.2266**	0.1186	-0.1991**	-0.1235	0.0834
VAR75	0.4185**	0.0580	0.0850	-0.0121	0.2132**	0.1065	-0.2080**	-0.2014**	0.1869**
VAR76	0.1560*	0.0749	-0.0087	-0.0843	0.0351	-0.0922	-0.0538	-0.0201	-0.1100
VAR77	0.2166**	0.2626**	0.1297	0.0588	0.0697	0.1588*	-0.1952**	-0.0347	0.1498*
VAR78	0.0712	0.0724	0.0409	0.0722	0.2118**	0.1190	-0.0535	-0.1163	0.1849**
VAR79	0.1797*	0.1092	0.0844	0.0518	0.1574*	0.0566	-0.1318	0.0163	0.0022
VAR80	0.2296**	0.1607*	0.0985	-0.0048	0.2036**	0.0368	-0.1739*	-0.1094	0.2109**
VAR81	-0.2410**	-0.1208	0.0093	0.2411**	-0.1553*	-0.1100	0.3779**	0.2587**	-0.1265

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR28 giggly	VAR29 like giving-up	VAR30 glad	VAR31 great	VAR32 grouchy	VAR33 grumpy	VAR34 handsome/pretty	VAR35 happy	VAR36 helpful
VAR1	0.0962	-0.0678	0.3278**	0.3476**	-0.3617**	-0.4700**	0.1814*	0.4434**	0.2197**
VAR2	0.0327	-0.0769	0.2500**	0.2315**	-0.0482	-0.1151	0.1136	0.1888**	0.1589*
VAR3	-0.0747	0.1176	-0.0366	-0.0914	0.0753	0.0567	-0.0007	-0.0289	0.0137
VAR4	0.1106	0.0335	-0.1461*	-0.1080	0.2933**	0.1701*	0.0657	-0.1442*	-0.0896
VAR5	0.0152	0.1588*	-0.0202	-0.0328	0.1063	0.0224	-0.0217	-0.0784	0.0498
VAR6	0.0130	0.0823	-0.1849**	-0.1866**	0.1740*	0.1729*	0.0107	-0.2205**	-0.0216
VAR7	0.1269	-0.0440	0.0167	-0.0070	0.0110	-0.0260	0.0338	0.0821	0.0016
VAR8	0.0164	0.2262**	-0.0205	-0.0321	0.1928**	0.1753*	-0.0351	-0.1453*	0.0270
VAR9	-0.0117	0.1849**	-0.2400**	-0.2240**	0.2941**	0.2399**	0.0266	-0.2047**	-0.1663*
VAR10	0.0562	0.1890**	-0.1909**	-0.0728	0.3812**	0.3760**	0.0621	-0.1675*	0.0053
VAR11	0.1425*	0.1705*	0.0408	0.1015	0.0924	0.1203	0.2462**	0.0486	0.0194
VAR12	-0.1051	-0.2448**	0.1636*	0.1568*	-0.2365**	-0.1709*	-0.0267	0.1272	0.1726*
VAR13	0.2080**	-0.0421	0.3930**	0.4435**	-0.2811**	-0.2421**	0.1826*	0.4397**	0.2625**
VAR14	0.0370	0.2471**	-0.0997	-0.1721*	0.2150**	0.1539*	0.0302	-0.1847**	-0.0408
VAR15	0.0880	-0.1468*	0.3096**	0.2778**	-0.2942**	-0.2575**	0.0550	0.2627**	0.1079
VAR16	0.0302	0.1217	-0.1134	-0.1629*	0.1695*	0.1389*	-0.0391	-0.1344	-0.0414
VAR17	0.0411	0.0706	-0.1163	-0.1888**	0.2840**	0.1925**	0.0530	-0.1501*	-0.1076
VAR18	0.0326	0.2881**	-0.0642	-0.0902	0.2546**	0.1878**	-0.0087	-0.1684*	-0.0199
VAR19	0.0593	0.2896**	-0.1797*	-0.1956**	0.2567**	0.2220**	0.0428	-0.0790	-0.1815*
VAR20	0.0960	0.1563*	0.0231	0.0005	0.0065	0.0010	0.0011	-0.0317	-0.0154
VAR21	0.1173	0.0688	-0.0454	0.0005	0.0931	-0.0605	-0.0406	-0.0079	0.0545
VAR22	0.2686**	-0.0721	0.2523**	0.3826**	-0.1420*	-0.1434*	0.2485**	0.3344**	0.1642*
VAR23	-0.0357	0.4456**	-0.2199**	-0.2757**	0.4124**	0.4224**	0.0046	-0.2725**	-0.1309
VAR24	0.0929	0.0481	-0.1757*	-0.1758*	0.2737**	0.3018**	0.1515*	-0.1709*	-0.1078
VAR25	0.0769	-0.2495**	0.4181**	0.4282**	-0.3594**	-0.3416**	0.0217	0.4018**	0.2769**
VAR26	0.0403	-0.1438*	0.3661**	0.2913**	-0.3766**	-0.3320**	0.0454	0.3646**	0.2974**
VAR27	0.1026	0.1753*	-0.1386*	-0.1358	0.4091**	0.2682**	0.1016	-0.1749*	-0.1080
VAR28	1.0000	-0.0210	0.1009	0.1995**	-0.0083	-0.0673	0.1969**	0.2585**	0.0880
VAR29	-0.0210	1.0000	-0.2373**	-0.1802*	0.2663**	0.2509**	-0.0030	-0.2126**	-0.1915**
VAR30	0.1009	-0.2373**	1.0000	0.4906**	-0.4023**	-0.3058**	0.1284	0.4675**	0.4146**
VAR31	0.1995**	-0.1802*	0.4906**	1.0000	-0.3787**	-0.3162**	0.1567*	0.4499**	0.3280**
VAR32	-0.0083	0.2663**	-0.4023**	-0.3787**	1.0000	0.5658**	-0.0337	-0.3856**	-0.2057**
VAR33	-0.0673	0.2509**	-0.3068**	-0.3162**	0.5658**	1.0000	-0.0505	-0.4714**	-0.1868**
VAR34	0.1969**	-0.0030	0.1284	0.1567*	-0.0337	-0.0505	1.0000	0.1581*	0.0710
VAR35	0.2585**	-0.2126**	0.4675**	0.4499**	-0.3856**	-0.4714**	0.1581*	1.0000	0.3539**
VAR36	0.0880	-0.1915**	0.4146**	0.3280**	-0.2057**	-0.1868**	0.0710	0.3539**	1.0000
VAR37	0.1100	0.1416*	-0.1940**	-0.0882	0.2969**	0.2772**	0.1014	-0.2282**	-0.1825*
VAR38	0.1028	0.3166**	-0.1715*	-0.2206**	0.3086**	0.2546**	-0.0333	-0.0764	-0.0750
VAR39	0.2225**	-0.1664*	0.4979**	0.5731**	-0.4008**	-0.4109**	0.1902**	0.5317**	0.4239**
VAR40	0.0480	0.1663*	-0.0248	-0.0682	0.1345	0.0636	0.0718	-0.0005	-0.0232
VAR41	0.2938**	0.0671	-0.0207	0.0205	0.0995	0.0464	0.0964	0.1168	0.1122
VAR42	0.0921,	0.2973**	-0.1981**	-0.0969	0.2648**	0.2863**	0.1200	-0.1642*	-0.0810
VAR43	0.0247	-0.1213	0.3780**	0.3132**	-0.2726**	-0.3029**	0.1581*	0.4112**	0.4085**
VAR44	0.5019**	0.0141	0.2136**	0.2025**	-0.0544	-0.1261	0.2044**	0.2617**	0.1812*
VAR45	0.0302	0.1565*	-0.2577**	-0.2794**	0.2077**	0.2498**	-0.1113	-0.2499**	-0.2292**
VAR46	-0.0052	-0.1677*	0.1702*	0.1235	-0.2246**	-0.1876**	0.1678*	0.1761*	0.2166**
VAR47	0.0196	0.1969**	-0.2213**	-0.1536*	0.2862**	0.1835**	-0.1230	-0.1932**	-0.1297
VAR48	0.3041**	-0.0827	0.2536**	0.2266**	-0.0939	-0.1516*	0.2005**	0.2812**	0.3235**
VAR49	0.0571	0.0874	-0.2551**	-0.1344	0.1956**	0.2940**	-0.0010	-0.3452**	-0.2534**
VAR50	0.0520	0.2616**	-0.2717**	-0.2291**	0.3858**	0.3554**	-0.0276	-0.3413**	-0.1891**
VAR51	0.0656	0.3301**	-0.1578*	-0.1503*	0.1877**	0.2617**	0.0017	-0.1586*	-0.0416
VAR52	0.1664*	0.0137	0.1184	0.1574*	-0.0354	-0.0623	0.1737*	0.1550*	0.2470**
VAR53	0.0823	0.1711*	-0.0975	-0.0629	0.1183	0.0899	0.0633	-0.0175	-0.0308
VAR54	0.0631	-0.1990**	0.3400**	0.2967**	-0.2736**	-0.2900**	0.0739	0.3894**	0.2335**
VAR55	0.2702**	-0.1371	0.2120**	0.2761**	-0.1876**	-0.1456*	0.2014**	0.3050**	0.3138**
VAR56	0.0130	-0.0051	0.2723**	0.2027**	-0.1698*	-0.2907**	0.0835	0.3196**	0.3902**
VAR57	0.1202	-0.0570	0.1192	0.1911**	0.0316	0.0182	0.2298**	0.0844	0.1419*
VAR58	0.1801*	-0.0858	0.2904**	0.3385**	-0.1775*	-0.1333	0.3233**	0.2692**	0.2797**
VAR59	0.0250	0.2555**	-0.2841**	-0.2795**	0.4567**	0.3766**	-0.1316	-0.3545**	-0.2029**
VAR60	0.0900	0.1515*	-0.0754	-0.0537	0.2069**	0.2758**	0.0712	-0.2333**	-0.1404*
VAR61	0.0190	0.2804**	-0.1913**	-0.1395*	0.2446**	0.1294	-0.0926	-0.1826*	-0.0691
VAR62	0.0603	0.1468*	-0.1090	-0.1383*	0.1101	0.3091**	-0.0124	-0.1415*	-0.1248
VAR63	0.1183	-0.0100	0.0103	-0.0260	0.0842	0.0072	0.0472	0.0904	0.0495
VAR64	0.2413**	-0.1421*	0.3641**	0.4038**	-0.2768**	-0.2983**	0.1217	0.5078**	0.3679**
VAR65	-0.1231	0.2067**	-0.1263	-0.1325	0.1758*	0.2460**	-0.0807	-0.1945**	-0.0736
VAR66	0.0872	-0.0751	0.1157	0.1778*	-0.0459	0.0863	0.2981**	0.0607	0.1367
VAR67	-0.0083	0.1556*	-0.3583**	-0.2750**	0.3693**	0.3614**	-0.0337	-0.3856**	-0.2721**
VAR68	0.0363	0.3077**	-0.2761**	-0.2560**	0.4082**	0.4046**	-0.0739	-0.3007**	-0.1684*
VAR69	0.0147	0.1706*	-0.1569*	-0.1209	0.1203	0.2075**	-0.0173	-0.1086	-0.1012
VAR70	0.0938	-0.0477	-0.0016	0.0771	0.0044	0.1001	0.1948**	0.0291	0.0941
VAR71	0.0073	0.2779**	-0.1854**	-0.1609*	0.2704**	0.1584*	0.0223	-0.1086	-0.0668
VAR72	0.0181	0.2590**	-0.2147**	-0.1653*	0.3151**	0.4242**	-0.1041	-0.2270**	-0.1578*
VAR73	0.0367	0.1468*	-0.2861**	-0.2108**	0.3659**	0.4453**	-0.1278	-0.2205**	-0.2021**
VAR74	0.0250	0.3344**	-0.2224**	-0.1221	0.2746**	0.2104**	-0.0941	-0.1187	-0.1399*
VAR75	0.0291	0.3215**	-0.2274**	-0.2038**	0.3394**	0.2272**	-0.0206	-0.1694*	-0.1678*
VAR76	-0.0574	0.1609*	-0.1545*	-0.1578*	0.1285	0.2212**	-0.1128	-0.1753*	-0.1325
VAR77	0.1077	0.1563*	-0.0927	-0.1113	0.1248	0.1362	-0.0221	-0.0523	-0.0525
VAR78	0.0805	0.0847	-0.0440	-0.0001	0.1400*	0.1090	0.1663*	0.0716	0.0126
VAR79	-0.0248	0.2733**	-0.1388*	-0.0901	0.1006	0.1411*	0.0122	-0.1303	-0.0681
VAR80	0.0057	0.3477**	-0.1302	-0.1488*	0.2520**	0.1665*	-0.0820	-0.1422*	-0.0525
VAR81	0.1090	-0.1904**	0.3915**	0.5408**	-0.2843**	-0.2396**	0.1802*	0.3829**	0.3620**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR37 like hitting	VAR38 ignored	VAR39 joyful	VAR40 jealous	VAR41 jumpy	VAR42 like kicking	VAR43 kind	VAR44 like laughing	VAR45 lazy
VAR1	-0.1510*	-0.1051	0.4095**	-0.0272	0.0097	-0.1836**	0.3539**	0.1411*	-0.1880*
VAR2	0.0525	-0.1238	0.2271**	0.0028	0.1672*	-0.0914	0.1177	0.1798*	-0.2118**
VAR3	0.1059	0.2091**	-0.1262	0.1577*	-0.0140	0.0388	-0.0605	-0.0605	0.0347
VAR4	0.2229**	0.0963	-0.1129	0.1128	0.0316	0.0994	-0.1442*	0.0366	0.1614*
VAR5	-0.0347	0.0275	-0.0891	0.1295	0.0183	0.0739	0.0021	-0.0180	0.0121
VAR6	0.0512	0.0595	-0.1576*	0.0476	-0.0293	0.1790*	-0.0887	0.0281	0.0786
VAR7	-0.0187	0.0442	0.0430	-0.0455	0.1980**	-0.0051	-0.0382	0.0421	-0.0297
VAR8	0.0306	0.1236	-0.0196	0.1481*	0.0229	0.1039	0.0100	0.0645	0.0696
VAR9	0.1445*	0.1840**	-0.2157**	0.0442	0.0599	0.1930**	-0.1391*	-0.0448	0.2693**
VAR10	0.2579**	0.1236	-0.1392*	0.0475	0.1227	0.2504**	-0.1675*	0.1227	0.1092
VAR11	0.0967	0.0338	0.0784	0.0607	0.0863	0.0844	-0.0029	0.2198**	0.0603
VAR12	-0.2118**	-0.0836	0.1592*	0.0107	-0.0481	-0.2312**	0.1823*	-0.0570	-0.1289
VAR13	-0.1176	-0.2042**	0.4729**	-0.0726	0.0015	-0.1097	0.3294**	0.2322**	-0.1618*
VAR14	0.1046	0.1595*	-0.1511*	0.0950	0.1365	0.1424*	-0.1027	0.0311	0.1396*
VAR15	-0.1825*	-0.1348	0.2438**	-0.0439	-0.0026	-0.1612*	0.2262**	0.1174	-0.1966**
VAR16	0.0600	0.2672**	-0.0694	0.0008	-0.0423	0.0860	-0.0504	-0.0019	0.0647
VAR17	0.2474**	0.1307	-0.2048**	0.0358	0.1386*	0.1348	-0.2013**	-0.0381	0.1502*
VAR18	0.1470*	0.2482**	-0.1136	0.1555*	0.0004	0.2301**	-0.1251	0.0369	0.1032
VAR19	0.1221	0.3369**	-0.1569*	0.0387	0.0476	0.2743**	-0.1209	0.0021	0.1458*
VAR20	0.0976	0.1166	-0.0349	0.1120	0.1235	0.1471*	-0.1031	0.1153	0.0474
VAR21	0.1220	0.0385	0.0720	0.0850	0.1449*	0.0947	-0.0555	0.0529	-0.0164
VAR22	0.0060	-0.0440	0.3689**	0.0435	0.1684*	-0.0162	0.2363**	0.2424**	-0.0994
VAR23	0.2814**	0.2033**	-0.2484**	0.1248	0.0773	0.3382**	-0.2335**	0.0692	0.1832**
VAR24	0.5307**	0.1407*	-0.1829*	0.0633	0.1358	0.3567**	-0.2282**	0.1038	0.1869**
VAR25	-0.2354**	-0.2615**	0.3798**	-0.0762	-0.0528	-0.2895**	0.3824**	0.0576	-0.1928**
VAR26	-0.3549**	-0.1495*	0.3533**	-0.0002	-0.1447*	-0.2637**	0.4633**	0.1038	-0.1285
VAR27	0.3715**	0.2175**	-0.1276	0.0752	0.1085	0.2766**	-0.1502*	0.0414	0.1188
VAR28	0.1100	0.1028	0.2225**	0.0480	0.2938**	0.0921	0.0247	0.5019**	0.0302
VAR29	0.1416*	0.3166**	-0.1664*	0.1663*	0.0671	0.2973**	-0.1213	0.0141	0.1565*
VAR30	-0.1940**	-0.1715*	0.4979**	-0.0248	-0.0207	-0.1981**	0.3780**	0.2136**	-0.2577**
VAR31	-0.0882	-0.2206**	0.5731**	-0.0682	0.0205	-0.0969	0.3132**	0.2025**	-0.2794**
VAR32	0.2969**	0.3086**	-0.4008**	0.1345	0.0995	0.2648**	-0.2726**	-0.0544	0.2077**
VAR33	0.2772**	0.2546**	-0.4109**	0.0636	0.0464	0.2863**	-0.3029**	-0.1261	0.2498**
VAR34	0.1014	-0.0333	0.1902**	0.0718	0.0964	0.1200	0.1581*	0.2044**	-0.1113
VAR35	-0.2282**	-0.0764	0.5317**	-0.0005	0.1168	-0.1642*	0.4412**	0.2617**	-0.2499**
VAR36	-0.1825*	-0.0750	0.4239**	-0.0232	0.1122	-0.0810	0.4085**	0.1812*	-0.2292**
VAR37	1.0000	0.1198	-0.1829*	0.2147**	0.1529*	0.4197**	-0.2854**	0.0538	0.1357
VAR38	0.1198	1.0000	-0.1797*	0.1133	0.0738	0.2268**	-0.1171	0.0405	0.1862**
VAR39	-0.1829*	-0.1797*	1.0000	-0.0326	0.1216	-0.1879**	0.4815**	0.2947**	-0.2752**
VAR40	0.2147**	0.1133	-0.0326	1.0000	0.0550	0.1879**	-0.1483*	0.0659	0.1165
VAR41	0.1529*	0.0738	0.1216	0.0550	1.0000	0.0996	-0.0173	0.2828**	-0.0180
VAR42	0.4197**	0.2268**	-0.1879**	0.1879**	0.0996	1.0000	-0.2052**	0.0490	0.1763*
VAR43	-0.2854**	-0.1171	0.4815**	-0.1483*	-0.0173	-0.2052**	1.0000	0.1152	-0.1667*
VAR44	0.0538	0.0405	0.2947**	0.0659	0.2828**	0.0490	0.1152	1.0000	-0.1823*
VAR45	0.1357	0.1862**	-0.2752**	0.1165	-0.0180	0.1763*	-0.1667*	-0.1823*	1.0000
VAR46	-0.0977	-0.1671*	0.3140**	-0.0210	-0.0146	-0.1347	0.2652**	0.1733*	-0.2984**
VAR47	0.1585*	0.2849**	-0.3087**	0.1392*	0.0630	0.2259**	-0.2726**	-0.1312	0.2071**
VAR48	-0.0002	-0.0261	0.3253**	-0.0273	0.1146	-0.0154	0.2481**	0.2222**	-0.2023**
VAR49	0.4183**	0.0785	-0.2484**	0.0209	0.0632	0.2621**	-0.2986**	-0.0890	0.2383**
VAR50	0.2134**	0.2955**	-0.3466**	0.0821	0.0977	0.2063**	-0.2765**	-0.0198	0.2384**
VAR51	0.1877**	0.2594**	-0.2510**	0.1515*	0.1570*	0.2867**	-0.1586*	0.0174	0.2529**
VAR52	-0.0590	0.0227	0.1569*	0.0352	0.2554**	-0.0094	0.1376	0.2841**	-0.0931
VAR53	0.0995	0.2240**	-0.0530	0.0892	0.1247	0.1689*	0.0012	0.0390	0.1071
VAR54	-0.1897**	-0.1236	0.3186**	-0.0727	0.0171	-0.2260**	0.3450**	0.1294	-0.1488*
VAR55	0.0078	-0.0189	0.3873**	-0.0579	0.2293**	-0.0083	0.2060**	0.3790**	-0.2345**
VAR56	-0.2104**	-0.1539*	0.3245**	-0.0300	0.0351	-0.1026	0.3902**	0.1003	-0.1982**
VAR57	0.2761**	0.0094	0.1496*	0.0230	0.2245**	0.1268	0.0355	0.1888**	0.0166
VAR58	0.0807	-0.1202	0.4058**	0.0068	0.1986**	-0.0007	0.2526**	0.2737**	-0.1788*
VAR59	0.2065**	0.2884**	-0.3558**	0.1013	0.0125	0.2001**	-0.2473**	-0.1407*	0.2482**
VAR60	0.2800**	0.1438*	-0.0929	0.0812	0.0509	0.2305**	-0.1335	-0.0135	0.1736*
VAR61	0.1046	0.3336**	-0.1515*	0.1999**	0.0680	0.1804*	-0.0863	-0.1051	0.1638*
VAR62	0.2673**	0.1747*	-0.1813*	0.0476	0.1604*	0.2660**	-0.1415*	0.0050	0.1728*
VAR63	0.0311	0.0369	0.0232	0.0538	0.1478*	0.0696	0.0636	-0.0075	0.0413
VAR64	-0.1013	-0.1444*	0.5075**	-0.0310	0.0944	-0.1335	0.3726**	0.3375**	-0.2771**
VAR65	0.0616	0.2033**	-0.1433*	0.1027	0.0773	0.1236	-0.0970	-0.0331	0.2006**
VAR66	0.2536**	-0.0834	0.1543*	-0.0155	0.2072**	0.1244	0.0607	0.1502*	-0.0028
VAR67	0.3663**	0.1604*	-0.3602**	0.0320	0.0995	0.2648**	-0.3856**	-0.0939	0.1673*
VAR68	0.2579**	0.2691**	-0.2588**	0.1229	0.0029	0.2504**	-0.1675*	-0.1487*	0.3074**
VAR69	0.1331	0.2148**	-0.1092	0.0810	0.0429	0.1171	-0.0597	0.0259	0.3065**
VAR70	0.2752**	-0.0388	0.0775	0.0731	0.2250**	0.1498*	-0.0368	0.1476*	0.0519
VAR71	0.1526*	0.1877**	-0.1777*	0.1467*	0.1444*	0.2160**	-0.0880	-0.0145	0.1662*
VAR72	0.2999**	0.2708**	-0.2048**	0.0358	0.0925	0.2758**	-0.2270**	-0.1276	0.2875**
VAR73	0.3213**	0.2035**	-0.2523**	0.0775	0.1604*	0.2080**	-0.3523**	-0.0641	0.1493*
VAR74	0.1186	0.3822**	-0.2017**	0.2471**	0.0511	0.2001**	-0.1615*	-0.0658	0.2290**
VAR75	0.2147**	0.3902**	-0.1842**	0.2585**	0.0930	0.3738**	-0.1483*	-0.0263	0.1542*
VAR76	-0.0822	0.2073**	-0.2003**	0.0378	-0.0511	-0.0032	-0.1099	-0.1446*	0.1896**
VAR77	0.0309	0.1935**	-0.0740	0.0577	0.1338	0.1534*	-0.1355	0.0301	0.2304**
VAR78	0.0433	0.0828	0.0494	0.0752	0.1085	0.1139	-0.0024	0.1060	-0.0573
VAR79	0.0169	0.2191**	-0.1011	0.2520**	0.0179	0.2255**	-0.0721	0.0271	0.1061
VAR80	0.0618	0.3694**	-0.1835**	0.1521*	0.0113	0.2145**	-0.0935	-0.0327	0.1524*
VAR81	-0.1448*	-0.2451**	0.4907**	-0.1919**	0.0070	-0.1413*	0.3829**	0.2067**	-0.2901**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR46 liked	VAR47 lonely	VAR48 lucky	VAR49 mean	VAR50 miserable	VAR51 mixed-up	VAR52 needed	VAR53 nervous	VAR54 okay
VAR1	0.2377**	-0.3023**	0.2838**	-0.2738**	-0.3258**	-0.2681**	0.0836	0.0009	0.3468**
VAR2	0.1251	-0.1361	0.1918**	-0.0916	-0.1392*	-0.1997**	0.1115	-0.1236	0.1405*
VAR3	-0.0646	0.0594	-0.0827	0.1256	0.0958	0.1440*	-0.0107	0.3493**	-0.1063
VAR4	-0.1434*	0.0840	-0.0149	0.1947**	0.1594*	0.0414	0.0383	-0.0084	-0.2087**
VAR5	-0.0570	0.1483*	0.0656	0.0656	-0.0484	0.1495*	0.0069	0.1614*	-0.1483*
VAR6	0.0453	0.0741	-0.1150	0.1239	0.2726**	0.2316**	-0.0380	0.1714*	-0.1642*
VAR7	-0.0034	0.1322	-0.0662	0.0232	0.1599*	0.0961	-0.0623	0.1141	-0.1180
VAR8	-0.1019	0.1527*	-0.0566	0.0455	0.1639*	0.2162**	0.1595*	0.1496*	-0.0752
VAR9	-0.2168**	0.1672*	-0.0679	0.2266**	0.1838**	0.2867**	-0.0946	0.0972	-0.1353
VAR10	-0.1231	0.1291	0.0222	0.3506**	0.1639*	0.1726*	0.0350	0.1941**	-0.1544*
VAR11	0.0680	-0.0157	0.1027	0.0736	0.0023	0.0762	0.1319	-0.0029	-0.0226
VAR12	0.1056	-0.0803	0.0782	-0.1701*	-0.1980**	-0.2323**	-0.0197	-0.1696*	0.1987**
VAR13	0.2287**	-0.2174**	0.2577**	-0.2160**	-0.2620**	-0.1420*	0.0662	-0.0588	0.3300**
VAR14	-0.1544*	0.2259**	-0.0700	0.1852**	0.3015**	0.4479**	0.0673	0.1689*	-0.2016**
VAR15	0.1817*	-0.1685*	0.1292	-0.2534**	-0.1891**	-0.2028**	-0.0087	-0.0858	0.2118**
VAR16	0.0091	0.0299	-0.0212	0.0758	0.2014**	0.0844	-0.0196	0.1366	-0.1625*
VAR17	-0.1621*	0.0878	0.0203	0.3035**	0.1954**	0.1865**	-0.0042	0.0250	-0.1499*
VAR18	-0.1018	0.1802*	-0.1087	0.0599	0.3226**	0.2573**	-0.0458	0.1945**	-0.1639*
VAR19	-0.1553*	0.2896**	-0.0754	0.0956	0.1746*	0.2684**	0.0678	0.2095**	-0.1430*
VAR20	-0.0878	0.1507*	0.0276	0.1972**	0.1258	0.2057**	-0.0019	0.1068	-0.1122
VAR21	-0.1333	0.0746	0.0065	-0.0408	0.0706	0.1823*	0.0426	0.2024**	-0.0838
VAR22	0.1038	-0.0298	0.1895**	-0.1732*	-0.0563	-0.0112	0.1749*	0.1825*	0.1224
VAR23	-0.1590*	0.2004**	-0.0800	0.3681**	0.3240**	0.2315**	-0.0189	0.1018	-0.2319**
VAR24	-0.1342	0.1179	0.0676	0.3706**	0.1913**	0.2064**	-0.0769	0.0804	-0.1443*
VAR25	0.2083**	-0.1949**	0.1932**	-0.2656**	-0.2959**	-0.2061**	0.0971	-0.1353	0.3655**
VAR26	0.1719*	-0.1696*	0.1301	-0.3300**	-0.2668**	-0.1477*	0.0812	-0.0534	0.2890**
VAR27	-0.1588*	0.1203	0.0678	0.4022**	0.2020**	0.1841**	-0.0261	0.1292	-0.1595*
VAR28	-0.0052	0.0196	0.3041**	0.0571	0.0520	0.0656	0.1664*	0.0823	0.0631
VAR29	-0.1677*	0.1969**	-0.0827	0.0874	0.2616**	0.3301**	0.0137	0.1711*	-0.1990**
VAR30	0.1702*	-0.2213**	0.2536**	-0.2551**	-0.2717**	-0.1578*	0.1184	-0.0975	0.3400**
VAR31	0.1235	-0.1536*	0.2266**	-0.1344	-0.2291**	-0.1503*	0.1574*	-0.0629	0.2967**
VAR32	-0.2246**	0.2862**	-0.0939	0.1956**	0.3858**	0.1877**	-0.0354	0.1183	-0.2736**
VAR33	-0.1876**	0.1835**	-0.1516*	0.2940**	0.3554**	0.2617**	-0.0623	0.0899	-0.2900**
VAR34	0.1678*	-0.1230	0.2005**	-0.0010	-0.0276	0.0017	0.1737*	0.0633	0.0739
VAR35	0.1761*	-0.1932**	0.2812**	-0.3452**	-0.3413**	-0.1586*	0.1550*	-0.0175	0.3894**
VAR36	0.2166**	-0.1297	0.3235**	-0.2534**	-0.1891**	-0.0416	0.2470**	-0.0308	0.2335**
VAR37	-0.0977	0.1585*	-0.0002	0.4183**	0.2134**	0.1877**	-0.0590	0.0995	-0.1897**
VAR38	-0.1671*	0.2849**	-0.0261	0.0785	0.2955**	0.2594**	0.0227	0.2240**	-0.1236
VAR39	0.3140**	-0.3087**	0.3253**	-0.2484**	-0.3466**	-0.2510**	0.1569*	-0.0530	0.3186**
VAR40	-0.0210	0.1392*	-0.0273	0.0209	0.0821	0.1515*	0.0352	0.0892	-0.0727
VAR41	-0.0146	0.0630	0.1146	0.0632	0.0977	0.1570*	0.2554**	0.1247	0.0171
VAR42	-0.1347	0.2259**	-0.0154	0.2621**	0.2063**	0.2867**	-0.0094	0.1689*	-0.2260**
VAR43	0.2652**	-0.2726**	0.2481**	-0.2986**	-0.2765**	-0.1586*	0.1376	0.0012	0.3450**
VAR44	0.1733*	-0.1312	0.2222**	-0.0890	-0.0198	0.0174	0.2841**	0.0390	0.1294
VAR45	-0.2984**	0.2071**	-0.2023**	0.2383**	0.2384**	0.2529**	-0.0931	0.1071	-0.1488*
VAR46	1.0000	-0.3495**	0.2147**	-0.1397*	-0.2052**	-0.2751**	0.1399*	-0.0927	0.2505**
VAR47	-0.3495**	1.0000	-0.2438**	0.1370	0.2954**	0.4074**	0.0542	0.1186	-0.1527*
VAR48	0.2147**	-0.2438**	1.0000	-0.1838**	-0.2815**	-0.2013**	0.1586*	-0.0897	0.1551*
VAR49	-0.1397*	0.1370	-0.1838**	1.0000	0.2220**	0.1432*	-0.0810	-0.0008	-0.2119**
VAR50	-0.2052**	0.2954**	-0.2815**	0.2220**	1.0000	0.3847**	-0.0256	0.0860	-0.2669**
VAR51	-0.2751**	0.4074**	-0.2013**	0.1432*	0.3847**	1.0000	0.0485	0.2930**	-0.2598**
VAR52	0.1399*	0.0542	0.1586*	-0.0810	-0.0256	0.0485	1.0000	0.0074	0.1309
VAR53	-0.0927	0.1186	-0.0897	-0.0008	0.0860	0.2930**	0.0074	1.0000	-0.2164**
VAR54	0.2505**	-0.1527*	0.1551*	-0.2119**	-0.2669**	-0.2598**	0.1309	-0.2164**	1.0000
VAR55	0.1890**	-0.1478*	0.2677**	-0.0950	-0.0637	-0.0948	0.1989**	0.0017	0.1091
VAR56	0.1650*	-0.1272	0.1309	-0.2392**	-0.2336**	-0.0503	0.1212	-0.0075	0.1749*
VAR57	0.0338	-0.0286	0.1162	0.1473*	0.0355	0.0903	0.0613	0.0387	0.0483
VAR58	0.2196**	-0.2302**	0.3307**	-0.0834	-0.1891**	-0.1246	0.1539*	0.0058	0.1979**
VAR59	-0.3411**	0.3567**	-0.1954**	0.2433**	0.3655**	0.3549**	0.0084	0.1014	-0.4139**
VAR60	-0.1439*	0.0742	-0.0289	0.3180**	0.1805*	0.1194	-0.1123	0.1873**	-0.1662*
VAR61	-0.1876**	0.3887**	-0.1303	0.0834	0.3275**	0.3326**	0.0953	0.0415	-0.2613**
VAR62	-0.1311	0.1022	0.0020	0.1898**	0.0585	0.1280	0.0113	0.0390	-0.0700
VAR63	0.0385	0.0813	0.0400	-0.0702	0.0957	0.0582	0.0695	0.2076**	0.0195
VAR64	0.2762**	-0.1868**	0.3288**	-0.2024**	-0.2687**	-0.1263	0.1808*	0.0949	0.3377**
VAR65	-0.1590*	0.1796*	-0.2013**	0.0511	0.1203	0.2890**	-0.0554	0.1997**	-0.1390*
VAR66	0.0615	0.0014	0.1228	0.1102	0.0164	0.0488	0.1395*	0.0306	0.0671
VAR67	-0.2030**	0.1176	-0.1742*	0.3369**	0.3071**	0.1877**	-0.0354	0.0956	-0.2736**
VAR68	-0.2929**	0.2709**	-0.1945**	0.2674**	0.3184**	0.3252**	0.0143	0.1496*	-0.3658**
VAR69	-0.1491*	0.1946**	-0.1045	0.1319	0.2791**	0.2689**	-0.0101	0.1166	-0.1002
VAR70	0.0680	0.0736	0.0604	0.1125	-0.0161	0.0741	0.0738	0.0769	-0.0274
VAR71	-0.0822	0.2981**	-0.2062**	0.1127	0.2837**	0.3145**	0.1125	0.1961**	-0.1823*
VAR72	-0.3092**	0.1424*	-0.1390*	0.2715**	0.2549**	0.3123**	-0.1001	0.1794*	-0.2414**
VAR73	-0.2572**	0.1865**	-0.0916	0.3216**	0.2114**	0.2057**	-0.1119	0.1714*	-0.1955**
VAR74	-0.2591**	0.4024**	-0.2525**	0.0288	0.3158**	0.3548**	0.0485	0.1876**	-0.2096**
VAR75	-0.0412	0.3641**	-0.1960**	0.0737	0.3270**	0.2967**	0.1141	0.1952**	-0.2486**
VAR76	-0.1713*	0.2099**	-0.1175	0.0370	0.1525*	0.2009**	-0.0397	0.0922	-0.0656
VAR77	-0.2279**	0.1720*	-0.0674	0.0652	0.1451*	0.2813**	0.0612	0.2863**	-0.1132
VAR78	0.0062	0.0415	0.0897	0.0016	0.0876	0.0388	0.0431	0.0302	0.0459
VAR79	-0.0414	0.2362**	-0.1071	-0.0254	0.1833**	0.3204**	0.1024	0.3886**	-0.2269**
VAR80	-0.1966**	0.3987**	-0.1621*	-0.0027	0.2231**	0.3190**	0.0126	0.1705*	-0.0950
VAR81	0.2382**	-0.3762**	0.3424**	-0.2306**	-0.2765**	-0.2192**	0.0762	-0.0155	0.3052**

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

	VAR55 playful	VAR56 polite	VAR57 powerful	VAR58 proud	VAR59 rotten	VAR60 rude	VAR61 sad	VAR62 sassy	VAR63 shy
VAR1	0.1579*	0.1830**	0.0772	0.2873**	-0.4222**	-0.0514	-0.2386**	-0.1057	0.0485
VAR2	0.1977**	0.0920	0.1819*	0.2284**	-0.1115	0.0022	-0.1381	0.0479	-0.1120
VAR3	-0.0225	0.0323	-0.0798	-0.0004	0.0560	0.1101	0.0567	-0.0054	0.1341
VAR4	-0.1204	-0.0474	0.0155	0.0106	0.2624**	0.0612	0.1301	-0.0099	-0.0612
VAR5	-0.0386	-0.0135	-0.0891	-0.1149	0.1354	0.0840	0.1285	-0.0155	-0.0711
VAR6	-0.0398	-0.0220	-0.0536	-0.0474	0.2368**	0.0846	0.1388*	0.0306	0.0729
VAR7	0.0888	0.0056	0.0814	-0.0048	0.0164	-0.0144	0.0983	-0.0314	0.3182**
VAR8	-0.0305	0.0142	-0.0095	0.0191	0.2096**	0.1365	0.1753*	0.1328	-0.0195
VAR9	-0.1136	-0.1171	-0.0330	-0.0888	0.2121**	0.1668*	0.1126	0.1458*	-0.0542
VAR10	0.0284	-0.1329	0.2428**	0.0980	0.1586*	0.2554**	0.0033	0.2897**	0.0442
VAR11	0.1378	0.0184	0.3710**	0.2302**	0.0089	0.0786	-0.0573	0.0746	-0.0065
VAR12	-0.0121	0.1777*	-0.0191	0.0336	-0.3177**	-0.1967**	-0.1234	-0.1833**	-0.0611
VAR13	0.1670*	0.2299**	0.0934	0.2951**	-0.2754**	-0.0490	-0.2421**	-0.0533	0.0445
VAR14	0.0099	-0.0638	0.0371	-0.0554	0.2473**	0.2305**	0.2069**	0.0049	0.0402
VAR15	0.1524*	0.1485*	0.0303	0.1014	-0.2448**	-0.1892**	-0.1633*	-0.1248	-0.0029
VAR16	0.0189	-0.0659	0.0372	-0.0600	0.1496*	0.1506*	0.2474**	0.1089	0.0525
VAR17	-0.0654	-0.1765*	0.1252	-0.0506	0.2200**	0.2799**	0.0601	0.3482**	0.0265
VAR18	-0.0445	0.0120	0.0166	0.0032	0.2411**	0.0936	0.1319	-0.0333	0.0336
VAR19	-0.0869	-0.1626*	0.0312	-0.1162	0.2652**	0.1895**	0.1678*	0.1034	0.0804
VAR20	0.0121	-0.1003	0.0067	-0.0810	0.2306**	0.1732*	0.0625	0.1000	-0.0306
VAR21	0.0543	0.1025	-0.0349	-0.0175	0.1485*	-0.0499	0.0932	0.0327	0.0378
VAR22	0.2197**	0.1598*	0.1784*	0.3415**	-0.1229	-0.0461	-0.0166	0.0034	0.1575*
VAR23	-0.0376	-0.0527	0.0975	-0.0320	0.2939**	0.1941**	0.1704*	0.1468*	-0.0408
VAR24	-0.0260	-0.2284**	0.3095**	0.0467	0.1845**	0.2288**	0.0306	0.3483**	0.0311
VAR25	0.2193**	0.2121**	0.0310	0.3009**	-0.2661**	-0.1380	-0.1161	-0.1705*	-0.0959
VAR26	0.1397*	0.2142**	-0.0312	0.2218**	-0.2144**	-0.2028**	-0.1536*	-0.2103**	0.0638
VAR27	-0.0361	-0.1018	0.1499*	0.0214	0.2536**	0.2243**	0.1409*	0.2542**	0.0146
VAR28	0.2702**	0.0130	0.1202	0.1801*	0.0250	0.0900	0.0190	0.0603	0.1183
VAR29	-0.1371	-0.0051	-0.0570	-0.0858	0.2555**	0.1515*	0.2804**	0.1468*	-0.0100
VAR30	0.2120**	0.2723**	0.1192	0.2904**	-0.2841**	-0.0754	-0.1913**	-0.1090	0.0103
VAR31	0.2761**	0.2027**	0.1911**	0.3385**	-0.2795**	-0.0537	-0.1395*	-0.1383*	-0.0260
VAR32	-0.1876**	-0.1698*	0.0316	-0.1775*	0.4567**	0.2069**	0.2446**	0.1101	0.0842
VAR33	-0.1456*	-0.2907**	0.0182	-0.1333	0.3766**	0.2758**	0.1294	0.3091**	0.0072
VAR34	0.2014**	0.0835	0.2298**	0.3233**	-0.1316	0.0712	-0.0926	-0.0124	0.0472
VAR35	0.3050**	0.3196**	0.0844	0.2692**	-0.3545**	-0.2333**	-0.1826*	-0.1415*	0.0894
VAR36	0.3138**	0.3902**	0.1419*	0.2797**	-0.2029**	-0.1404*	-0.0691	-0.1248	0.0495
VAR37	0.0078	-0.2104**	0.2761**	0.0807	0.2065**	0.2800**	0.1046	0.2673**	0.0311
VAR38	-0.0189	-0.1539*	0.0094	-0.1202	0.2884**	0.1438*	0.3336**	0.1747*	0.0369
VAR39	0.3873**	0.3245**	0.1496*	0.4058**	-0.3558**	-0.0929	-0.1515*	-0.1813*	0.0232
VAR40	-0.0579	-0.0300	0.0230	0.0068	0.1013	0.0812	0.1999**	0.0476	0.0539
VAR41	0.2293**	0.0351	0.2245**	0.1986**	0.0125	0.0509	0.0680	0.1604*	0.1475*
VAR42	-0.0083	-0.1026	0.1268	-0.0007	0.2001**	0.2305**	0.1804*	0.2660**	0.0696
VAR43	0.2060**	0.3902**	0.0355	0.2526**	-0.2473**	-0.1335	-0.0863	-0.1415*	0.0634
VAR44	0.3790**	0.1003	0.1888**	0.2737**	-0.1407*	-0.0135	-0.1051	0.0050	-0.0075
VAR45	-0.2345**	-0.1982**	0.0166	-0.1788*	0.2482**	0.1736*	0.1638*	0.1728*	0.0413
VAR46	0.1890**	0.1650*	0.0338	0.2196**	-0.3411**	-0.1439*	-0.1876**	-0.1311	0.0385
VAR47	-0.1478*	-0.1272	-0.0286	-0.2302**	0.3567**	0.0742	0.3887**	0.1022	0.0813
VAR48	0.2677**	0.1309	0.1162	0.3307**	-0.1954**	-0.0289	-0.1303	0.0020	0.0400
VAR49	-0.0950	-0.2392**	0.1473*	-0.0834	0.2433**	0.3180**	0.0834	0.1898**	-0.0702
VAR50	-0.0637	-0.2336**	0.0355	-0.1891**	0.3655**	0.1805*	0.3275**	0.0585	0.0957
VAR51	-0.0948	-0.0503	0.0903	-0.1246	0.3549**	0.1194	0.3326**	0.1280	0.0582
VAR52	0.1989**	0.1212	0.0613	0.1539*	0.0084	-0.1123	0.0953	0.0113	0.0698
VAR53	0.0017	-0.0075	0.0387	0.0058	0.1014	0.1873**	0.0415	0.0390	0.2076**
VAR54	0.1091	0.1749*	0.0483	0.1979**	-0.4139**	-0.1662*	-0.2613**	-0.0700	0.0195
VAR55	1.0000	0.1523*	0.2615**	0.3914**	-0.2642**	-0.0677	-0.1030	0.0303	-0.0027
VAR56	0.1523*	1.0000	-0.0494	0.3084**	-0.2459**	-0.2521**	-0.0628	-0.2467**	0.0713
VAR57	0.2615**	-0.0494	1.0000	0.2824**	-0.1062	0.0982	-0.0660	0.0616	0.0051
VAR58	0.3914**	0.3084**	0.2824**	1.0000	-0.3134**	-0.0094	-0.1333	-0.0239	0.0138
VAR59	-0.2642**	-0.2459**	-0.1062	-0.3134**	1.0000	0.1756*	0.4320**	0.1458*	-0.0314
VAR60	-0.0677	-0.2521**	0.0982	-0.0094	0.1756*	1.0000	0.0501	0.3317**	0.0543
VAR61	-0.1030	-0.0628	-0.0660	-0.1333	0.4320**	0.0501	1.0000	0.0026	0.0418
VAR62	0.0303	-0.2467**	0.0616	-0.0239	0.1458*	0.3317**	0.0026	1.0000	-0.0028
VAR63	-0.0027	0.0713	0.0051	0.0138	-0.0314	0.0543	0.0418	-0.0028	1.0000
VAR64	0.3021**	0.3681**	0.0666	0.3497**	-0.3373**	-0.0848	-0.1455*	-0.1479*	0.1323
VAR65	-0.1067	-0.2005**	0.0463	-0.1014	0.1817*	0.1158	0.0696	0.1744*	-0.0128
VAR66	0.2114**	-0.0989	0.5715**	0.3622**	-0.1263	0.1486*	-0.0194	0.1398*	-0.0328
VAR67	-0.0876	-0.2768**	0.0712	-0.0569	0.3266**	0.2675**	0.1278	0.2280**	-0.0132
VAR68	-0.2074**	-0.1119	-0.0289	-0.1585*	0.5672**	0.3148**	0.3473**	0.1955**	0.0442
VAR69	-0.1485*	-0.1416*	-0.0752	-0.1113	0.2120**	0.0929	0.1655*	0.0947	0.0602
VAR70	0.2036**	-0.0694	0.5523**	0.2303**	-0.0807	0.0650	-0.0063	0.1305	0.0239
VAR71	-0.0341	-0.1680*	-0.0070	-0.0264	0.3482**	0.1801*	0.3452**	0.1249	0.0138
VAR72	-0.1108	-0.2250**	0.1252	-0.1190	0.2790**	0.3828**	0.0932	0.3120**	-0.0839
VAR73	-0.0864	-0.2467**	0.1077	-0.1177	0.2975**	0.4729**	0.1048	0.4034**	0.0729
VAR74	-0.0933	-0.1037	-0.0125	-0.1036	0.3089**	0.0894	0.4597**	0.1154	0.1225
VAR75	-0.0579	-0.0900	0.0230	-0.0495	0.3443**	0.1095	0.4727**	0.1073	0.0841
VAR76	-0.1879**	-0.0561	-0.2588**	-0.2178**	0.2224**	0.0103	0.1649*	0.0622	0.0058
VAR77	-0.0787	-0.1751*	0.0029	-0.0710	0.2351**	0.1012	0.0556	0.2172**	0.1365
VAR78	0.1822*	0.0615	0.1068	0.1967**	-0.0017	0.0262	-0.0183	0.1147	0.0500
VAR79	0.0040	-0.0652	-0.0310	-0.0422	0.1768*	0.0860	0.2413**	0.0334	0.0680
VAR80	-0.1131	-0.0706	-0.0977	-0.1002	0.3578**	-0.0106	0.2923**	0.1441*	0.0809
VAR81	0.3158**	0.2670**	0.1546*	0.4237**	-0.4041**	-0.0906	-0.2396**	-0.2257**	0.0060

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

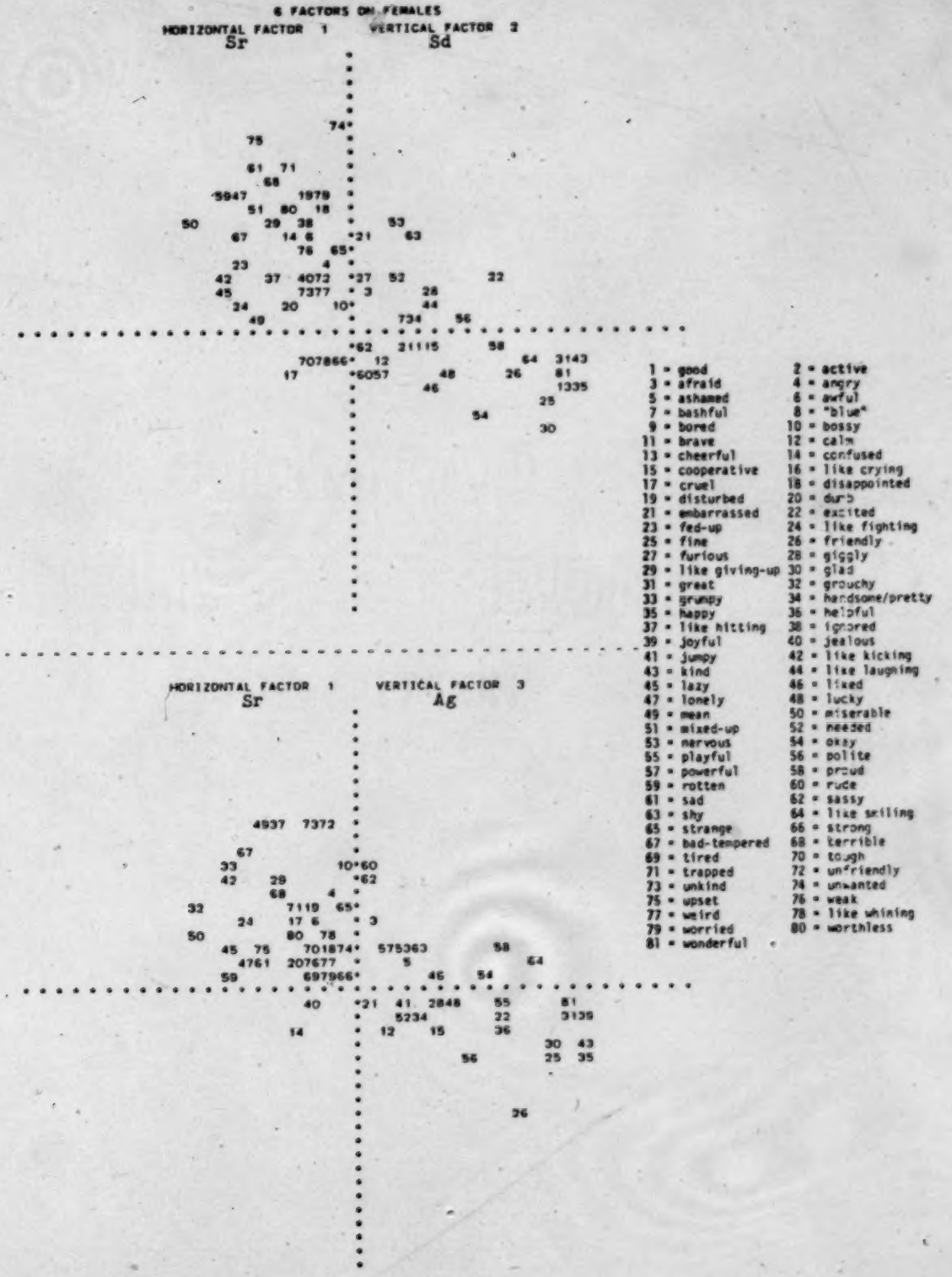
	VAR64 like selling	VAR65 strange	VAR66 strong	VAR67 bad-tempered	VAR68 terrible	VAR69 tired	VAR70 tough	VAR71 trapped	VAR72 unfriendly
VAR1	0.3075**	-0.0751	0.0959	-0.2259**	-0.2668**	-0.1493*	-0.0160	-0.1391*	-0.1855**
VAR2	0.0600	-0.0800	0.1793*	-0.0051	-0.1194	-0.1569*	0.1371	-0.0782	-0.0855
VAR3	-0.0227	-0.0150	-0.0920	0.1137	0.0686	0.1035	-0.0915	0.1468*	0.0757
VAR4	-0.0683	0.0754	0.0579	0.1806*	0.2824**	0.0346	-0.0187	0.1713*	0.1118
VAR5	-0.0612	0.1403*	-0.1693*	-0.0402	0.1483*	0.0860	-0.1084	0.1209	0.0910
VAR6	-0.0523	0.0365	-0.0917	0.1101	0.1642*	0.1407*	-0.0793	0.1833**	0.0945
VAR7	-0.0363	0.0444	0.1074	-0.0182	-0.0253	0.1024	0.0575	-0.0016	-0.0061
VAR8	0.0044	0.2551**	-0.0671	0.0313	0.2601**	0.1883*	0.0078	0.2561**	0.2108**
VAR9	-0.1601*	0.2112**	0.0311	0.1746*	0.2135**	0.2216**	0.0056	0.1838**	0.2355**
VAR10	-0.0358	0.1390*	0.1083	0.3274**	0.1809*	0.1002	0.1844**	0.1823*	0.2414**
VAR11	-0.0037	0.0746	0.3428**	0.0299	0.0431	0.0747	0.3081**	0.0024	0.1120
VAR12	0.0662	-0.0636	-0.0581	-0.2365**	-0.2206**	-0.0045	-0.0487	-0.2178**	-0.1395*
VAR13	0.3330**	-0.1598*	0.1196	-0.1696*	-0.1768*	-0.1009	0.0326	-0.1567*	-0.0890
VAR14	-0.0963	0.1450*	-0.0377	0.1404*	0.2260**	0.1530*	-0.0497	0.1933**	0.1348
VAR15	0.2356**	-0.1309	-0.0395	-0.2500**	-0.3204**	-0.0853	-0.0833	-0.2285**	-0.1829*
VAR16	-0.0775	-0.0197	-0.0450	0.1695*	0.2125**	0.1066	-0.0575	0.1350	0.1591*
VAR17	-0.1270	0.1040	0.0880	0.2530**	0.2719**	0.0266	0.1307	0.1674*	0.1544*
VAR18	-0.1314	0.1656*	-0.1166	0.1759*	0.2927**	0.2036**	-0.1309	0.2598**	0.0765
VAR19	-0.0999	0.0751	-0.0073	0.1296	0.2678**	0.1085	0.0093	0.3269**	0.2340**
VAR20	0.0366	0.1629*	-0.0519	0.1220	0.1405*	0.1748*	-0.0360	0.1253	0.0885
VAR21	-0.0281	0.1629*	-0.0728	0.0931	0.1405*	0.1748*	-0.0360	0.1516*	0.0885
VAR22	0.3309**	-0.0410	0.2745**	-0.1817*	-0.0639	0.0914	0.1774*	-0.0786	-0.0895
VAR23	-0.1467*	0.1220	0.0579	0.2941**	0.2551**	0.0994	0.1372	0.2157**	0.2113**
VAR24	-0.1359	0.1216	0.2871**	0.2737**	0.1897**	0.1665*	0.2583**	0.1315	0.3261**
VAR25	0.1923**	-0.1777*	0.0543	-0.2418**	-0.2038**	-0.1249	-0.0093	-0.1244	-0.2604**
VAR26	0.2508**	-0.1120	0.0605	-0.2808**	-0.2655**	-0.0993	-0.0311	-0.1828*	-0.3013**
VAR27	-0.0533	0.0828	0.1345	0.2895**	0.2182**	0.0818	0.0551	0.1454*	0.2726**
VAR28	0.2413**	-0.1231	0.0872	-0.0083	0.0363	0.0147	0.0938	0.0073	0.0181
VAR29	-0.1421*	0.2067**	-0.0751	0.1556*	0.3077**	0.1706*	-0.0477	0.2779**	0.2590**
VAR30	0.3641**	-0.1263	0.1157	-0.3589**	-0.2761**	-0.1569*	-0.0016	-0.1854**	-0.2147**
VAR31	0.4038**	-0.1325	0.1778*	-0.2750**	-0.2560**	-0.1209	0.0771	-0.1609*	-0.1653*
VAR32	-0.2768**	0.1758*	-0.0459	0.3693**	0.4082**	0.1203	0.0044	0.2704**	0.3151**
VAR33	-0.2983**	0.2460**	0.0863	0.3614**	0.4046**	0.2075**	0.1001	0.1584*	0.4242**
VAR34	0.1217	-0.0807	0.2981**	-0.0337	-0.0739	-0.0173	0.1948**	0.0223	-0.1041
VAR35	0.5078**	-0.1945**	0.0607	-0.3856**	-0.3007**	-0.1086	0.0291	-0.1086	-0.2270**
VAR36	0.3679**	-0.0736	0.1367	-0.2721**	-0.1684*	-0.1012	0.0941	-0.0668	-0.1578*
VAR37	-0.1013	0.0616	0.2536**	0.3663**	0.2579**	0.1331	0.2752**	0.1526*	0.2999**
VAR38	-0.1444*	0.2033**	-0.0834	0.1604*	0.2691**	0.2148**	-0.0388	0.1877**	0.2708**
VAR39	0.5075**	-0.1433*	0.1543*	-0.3602**	-0.2588**	-0.1092	0.0775	-0.1777*	-0.2048**
VAR40	-0.0310	0.1027	-0.0155	0.0320	0.1229	0.0810	0.0731	0.1467*	0.0358
VAR41	0.0944	0.0773	0.2072**	0.0995	0.0029	0.0429	0.2250**	0.1444*	0.0935
VAR42	-0.1335	0.1236	0.1244	0.2648**	0.2504**	0.1171	0.1498*	0.2160**	0.2758**
VAR43	0.3726**	-0.0970	0.0607	-0.3856**	-0.1675*	-0.0597	-0.0368	-0.0880	-0.2270**
VAR44	0.3375**	-0.0331	0.1502*	-0.0939	-0.1487*	0.0259	0.1476*	-0.0145	-0.1276
VAR45	-0.2771**	0.2006**	-0.0028	0.1673*	0.3074**	0.3065**	0.0519	0.1662*	0.2875**
VAR46	0.2762**	-0.1590*	0.0615	-0.2030**	-0.2929**	-0.1491*	0.0680	-0.0822	-0.3092**
VAR47	-0.1868**	0.1796*	0.0014	0.1176	0.2709**	0.1946**	0.0736	0.2981**	0.1424*
VAR48	0.3288**	-0.2013**	0.1228	-0.1742*	-0.1945**	-0.1045	0.0604	-0.2062**	-0.1390*
VAR49	-0.2024**	0.0511	0.1102	0.3369**	0.2674**	0.1319	0.1125	0.1127	0.2715**
VAR50	-0.2687**	0.1203	0.0164	0.3071**	0.3184**	0.2791**	-0.0161	0.2837**	0.2549**
VAR51	-0.1263	0.2890**	0.0488	0.1877**	0.3252**	0.2689**	0.0741	0.3145**	0.3123**
VAR52	0.1808*	-0.0554	0.1395*	-0.0354	0.0143	-0.0101	0.0738	0.1125	-0.1001
VAR53	0.0949	0.1997**	0.0306	0.0956	0.1496*	0.1166	0.0769	0.1961**	0.1794*
VAR54	0.3377**	-0.1390*	0.0671	-0.2736**	-0.3658**	-0.1002	-0.0274	-0.1823*	-0.2414**
VAR55	0.3021**	-0.1067	0.2114**	-0.0876	-0.2074**	-0.1485*	0.2036**	-0.0341	-0.1108
VAR56	0.3681**	-0.2005**	-0.0989	-0.2768**	-0.1119	-0.1416*	-0.0694	-0.1680*	-0.2250**
VAR57	0.0666	0.0463	0.5715**	0.0712	-0.0289	-0.0752	0.5523**	-0.0070	0.1252
VAR58	0.3497**	-0.1014	0.3622**	-0.0569	-0.1585*	-0.1113	0.2303**	-0.0264	-0.1190
VAR59	-0.3373**	0.1817*	-0.1263	0.3266**	0.5672**	0.2120**	-0.0807	0.3482**	0.2790**
VAR60	-0.0848	0.1158	0.1486*	0.2675**	0.3148**	0.0929	0.0650	0.1801*	0.3828**
VAR61	-0.1455*	0.0696	-0.0194	0.1278	0.3473**	0.1655*	-0.0063	0.3452**	0.0932
VAR62	-0.1479*	0.1744*	0.1398*	0.2380**	0.1955**	0.0947	0.1305	0.1249	0.3120**
VAR63	0.1323	-0.0128	-0.0328	[illegible]132	0.0442	0.0602	0.0239	0.0138	-0.0839
VAR64	1.0000	-0.1821*	0.1138	[illegible]288**	-0.3176**	-0.1739*	0.0922	-0.1224	-0.2200**
VAR65	-0.1821*	1.0000	-0.0791	0.1048	0.2086**	0.3379**	0.0510	0.1941**	0.2381**
VAR66	0.1138	-0.0791	1.0000	0.0931	-0.0671	-0.0295	0.5769**	-0.0096	0.0880
VAR67	-0.3588**	0.1048	0.0931	1.0000	0.3543**	0.0809	0.1244	0.2704**	0.3462**
VAR68	-0.3176**	0.2086**	-0.0671	0.3543**	1.0000	0.2165**	-0.0315	0.3299**	0.3635**
VAR69	-0.1739*	0.3379**	-0.0295	0.0809	0.2165**	1.0000	-0.1318	0.1804*	0.2056**
VAR70	0.0922	0.0510	0.5769**	0.1244	-0.0315	-0.1318	1.0000	0.0671	0.0628
VAR71	-0.1224	0.1941**	-0.0096	0.2704**	0.3299**	0.1804*	0.0671	1.0000	0.1958**
VAR72	-0.2200**	0.2381**	0.0880	0.3462**	0.3635**	0.2056**	0.0628	0.1958**	1.0000
VAR73	-0.1718*	0.1192	0.0472	0.4298**	0.3525**	0.0486	0.1538*	0.2417**	0.4207**
VAR74	-0.1428*	0.1368	0.0056	0.1705*	0.4139**	0.1558*	-0.0049	0.3482**	0.1905**
VAR75	-0.1459*	0.1248	0.0216	0.2625**	0.4246**	0.1732*	0.0171	0.4742**	0.1229
VAR76	-0.1792*	0.1720*	-0.2983**	0.1550*	0.1954**	0.2522**	-0.1818*	0.1699*	0.1105
VAR77	-0.0547	0.4181**	0.0006	0.1501*	0.2123**	0.2446**	0.0016	0.1126	0.2576**
VAR78	0.1255	-0.0462	0.1562*	0.0503	0.0421	-0.0689	0.0769	0.1180	0.0014
VAR79	-0.0692	0.1574*	0.0139	0.0771	0.1807*	0.1927**	-0.0079	0.2749**	0.1537*
VAR80	-0.0889	0.2291**	-0.0290	0.0452	0.3560**	0.1773*	0.0025	0.2194**	0.1651*
VAR81	0.4766**	-0.1553*	0.1571*	-0.2225**	-0.3052**	-0.2033**	0.1703*	-0.1866**	-0.1562*

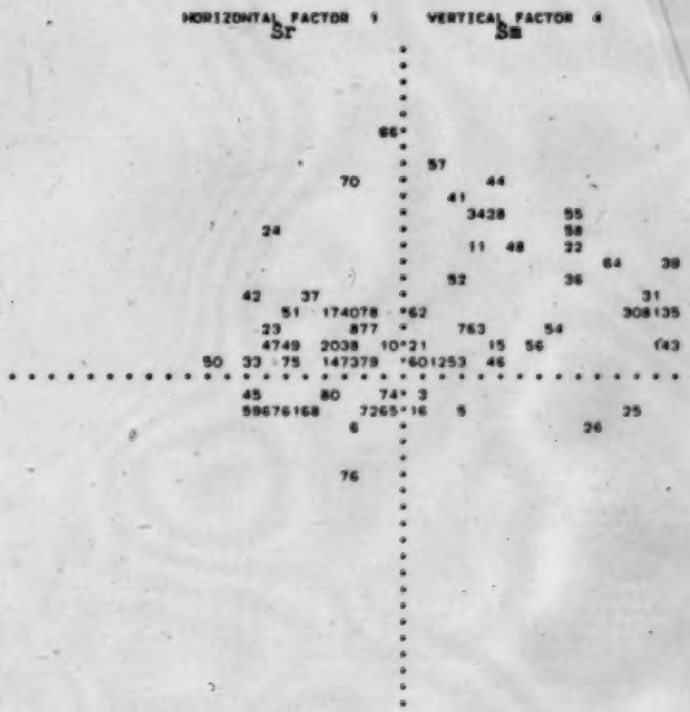
* - SIGNIF. LE .01 ** - SIGNIF. LE .001

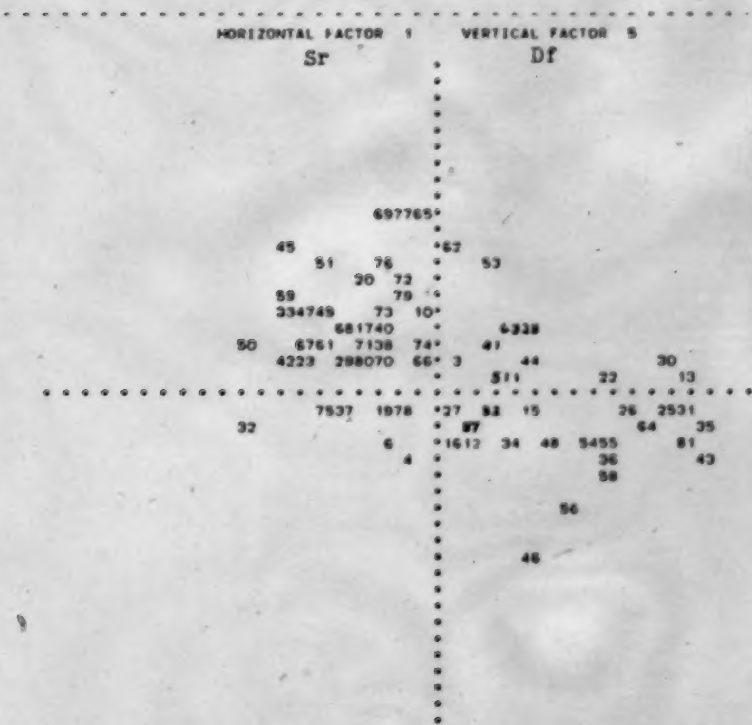
	VAR73 unkind	VAR74 unwanted	VAR75 upset	VAR76 weak	VAR77 weird	VAR78 like whining	VAR79 worried	VAR80 worthless	VAR81 wonderful
VAR1	-0.2957**	-0.1902**	-0.2048**	-0.2016**	0.0060	0.0131	-0.0944	-0.2167**	0.3152**
VAR2	-0.0024	-0.1729*	-0.1180	-0.2504**	-0.1243	-0.0378	-0.2219**	-0.1001	0.2317**
VAR3	0.1290	0.2382**	0.1577*	0.1733*	0.0443	-0.0198	0.2794**	0.0189	-0.0846
VAR4	0.1215	0.1198	0.1829*	-0.0177	0.0369	0.0984	-0.0564	0.0538	-0.1574*
VAR5	0.0415	0.1354	0.0382	0.1888**	0.1237	0.0807	0.2216**	0.2354**	-0.0279
VAR6	0.1797*	0.1458*	0.2268**	0.0314	0.0112	0.0798	0.0334	0.1097	-0.1537*
VAR7	0.0026	0.2104**	0.0091	-0.0041	0.1094	0.1090	0.0910	0.1036	-0.0642
VAR8	0.1014	0.1841**	0.2486**	0.1435*	0.1628*	0.1302	0.1807*	0.2690**	-0.0829
VAR9	0.1691*	0.2121**	0.1558*	0.1166	0.1379	0.0903	0.0660	0.2518**	-0.2333**
VAR10	0.3528**	0.1330	0.0978	-0.0123	0.0885	0.1302	0.1114	0.0950	-0.1031
VAR11	0.0989	-0.0109	0.0023	-0.0849	0.0535	0.1078	-0.0271	0.0019	0.1007
VAR12	-0.2354**	-0.1484*	-0.2184**	-0.0547	-0.1017	-0.1392*	-0.1539*	-0.1792*	0.1591*
VAR13	-0.1313	-0.1484*	-0.2184**	-0.1408*	-0.0196	0.0310	-0.1156	-0.2033**	0.4271**
VAR14	0.1210	0.2237**	0.2112**	0.1168	0.1076	0.0596	0.2468**	0.1877**	-0.1787*
VAR15	-0.2795**	-0.1189	-0.1472*	-0.1112	-0.0321	-0.1321	-0.0111	-0.1240	0.2457**
VAR16	0.1683*	0.1012	0.2387**	-0.0406	0.0440	0.2021**	0.0661	0.0878	-0.1956**
VAR17	0.4207**	0.0430	0.0939	-0.0694	0.1146	0.1031	-0.0330	0.0646	-0.2262**
VAR18	0.0891	0.3406**	0.4250**	0.1778*	0.0968	0.0018	0.2283**	0.1948**	-0.1386*
VAR19	0.1923**	0.2652**	0.4185**	0.1560*	0.2186**	0.0712	0.1797*	0.2296**	-0.2410**
VAR20	0.1674*	0.0937	0.0580	0.0749	0.2626**	0.0724	0.1092	0.1607*	-0.1208
VAR21	-0.0010	0.1211	0.0850	-0.0087	0.1297	0.0409	0.0844	0.0985	0.0093
VAR22	-0.0429	0.0465	-0.0121	-0.0843	0.0588	0.0722	0.0518	-0.0048	0.2411**
VAR23	0.3400**	0.2266**	0.2132**	0.0351	0.0697	0.2118**	0.1574*	0.2036**	-0.1553*
VAR24	0.3213**	0.1186	0.1065	-0.0922	0.1588*	0.1190	0.0566	0.0368	-0.1100
VAR25	-0.2529**	-0.1991**	-0.2080**	-0.0538	-0.1952**	-0.0535	-0.1318	-0.1739*	0.3779**
VAR26	-0.3778**	-0.1235	-0.2014**	-0.0201	-0.0347	-0.1163	0.0163	-0.1094	0.2597**
VAR27	0.3239**	0.0834	0.1869**	-0.1100	0.1498*	0.1849**	0.0022	0.2109**	-0.1265
VAR28	0.0367	0.0250	0.0291	-0.0574	0.1077	0.0805	-0.0248	0.0057	0.1090
VAR29	0.1468*	0.3344**	0.3215**	0.1609*	0.1563*	0.0847	0.2733**	0.3477**	-0.1904**
VAR30	-0.2861**	-0.2224**	-0.2274**	-0.1545*	-0.0927	-0.0440	-0.1388*	-0.1302	0.3915**
VAR31	-0.2108**	-0.1221	-0.2038**	-0.1578*	-0.1113	-0.0001	-0.0901	-0.1488*	0.5408**
VAR32	0.3659**	0.2746**	0.3394**	0.1285	0.1248	0.1400*	0.1006	0.2520**	-0.2843**
VAR33	0.4453**	0.2104**	0.2272**	0.2212**	0.1362	0.1090	0.1411*	0.1665*	-0.2396**
VAR34	-0.1278	-0.0941	-0.0206	-0.1128	-0.0221	0.1663*	0.0122	-0.0820	0.1802*
VAR35	-0.2205**	-0.1187	-0.1694*	-0.1753*	-0.0523	0.0716	-0.1303	-0.1422*	0.3829**
VAR36	-0.2021**	-0.1399*	-0.1678*	-0.1325	-0.0525	0.0126	-0.0681	-0.0525	0.3620**
VAR37	0.3213**	0.1186	0.2147**	-0.0922	0.0309	0.0433	0.0169	0.0518	-0.1348*
VAR38	0.2035**	0.3822**	0.3802**	0.2073**	0.1935**	0.0828	0.2191**	0.3694**	-0.2451**
VAR39	-0.2523**	-0.2017**	-0.1842**	-0.2003**	-0.0740	0.0494	-0.1011	-0.1835**	0.4907**
VAR40	0.0775	0.2471**	0.2585**	0.0378	0.0577	0.0752	0.2520**	0.1521*	-0.1919**
VAR41	0.1604*	0.0511	0.0930	-0.0511	0.1338	0.1085	0.0179	0.0113	0.0070
VAR42	0.2080**	0.2001**	0.3738**	-0.0032	0.1534*	0.1139	0.2255**	0.2145**	-0.1413*
VAR43	-0.3523**	-0.1615*	-0.1483*	-0.1099	-0.1355	-0.0024	-0.0721	-0.0935	0.3829**
VAR44	-0.0641	-0.0658	-0.0263	-0.1446*	0.0301	0.1060	0.0271	-0.0327	0.2067**
VAR45	0.1493*	0.2290**	0.1542*	0.1896**	0.2304**	-0.0573	0.1061	0.1524*	-0.2901**
VAR46	-0.2572**	-0.2591**	-0.0412	-0.1713*	-0.2279**	0.0062	-0.0414	-0.1966**	0.2382**
VAR47	0.1865**	0.4024**	0.3641**	0.2099**	0.1720*	0.0415	0.2362**	0.3987**	-0.3762**
VAR48	-0.0916	-0.2525**	-0.1960**	-0.1175	-0.0674	0.0897	-0.1071	-0.1621*	0.3424**
VAR49	0.3216**	0.0288	0.0737	0.0370	0.0652	0.0016	-0.0254	-0.0027	-0.2306**
VAR50	0.2114**	0.3158**	0.3270**	0.1525*	0.1451*	0.0876	0.1833**	0.2231**	-0.2765**
VAR51	0.2057**	0.3549**	0.2967**	0.2009**	0.2813**	0.0388	0.3204**	0.3190**	-0.2192**
VAR52	0.1119	0.0485	0.1141	-0.0397	0.0612	0.0431	0.1024	0.0126	0.0762
VAR53	0.1714*	0.1876**	0.1952**	0.0922	0.2863**	0.0302	0.3886**	0.1705*	-0.0155
VAR54	-0.1955**	-0.2096**	-0.2486**	-0.0656	-0.1132	0.0459	-0.2269**	-0.0950	0.3052**
VAR55	-0.0864	-0.0933	-0.0579	-0.1879**	-0.0787	0.1822*	0.0040	-0.1131	0.3158**
VAR56	-0.2467**	-0.1037	-0.0900	-0.0561	-0.1751*	0.0615	-0.0652	-0.0706	0.2670**
VAR57	0.1077	-0.0125	0.0230	-0.2588**	0.0029	0.1068	-0.0310	-0.0977	0.1546*
VAR58	-0.1177	-0.1036	-0.0495	-0.2178**	-0.0710	0.1967**	-0.0422	-0.1002	0.4237**
VAR59	0.2975**	0.3089**	0.3443**	0.2224**	0.2351**	-0.0017	0.1768*	0.3578**	-0.4041**
VAR60	0.4729**	0.0894	0.1095	0.0103	0.1012	0.0262	0.0860	-0.0106	-0.0906
VAR61	0.1048	0.4597**	0.4727**	0.1649*	0.0556	-0.0183	0.2413**	0.2923**	-0.2396**
VAR62	0.4034**	0.1154	0.1073	0.0622	0.2172**	0.1147	0.0334	0.1441*	-0.2257**
VAR63	0.0729	0.1225	0.0841	0.0058	0.1365	0.0500	0.0680	0.0808	0.0060
VAR64	-0.1718*	-0.1428*	-0.1459*	-0.1792*	-0.0547	0.1255	-0.0692	-0.0889	0.4766**
VAR65	0.1192	0.1368	0.1248	0.1720*	0.4181**	-0.0462	0.1574*	0.2291**	-0.1553*
VAR66	0.0472	0.0056	0.0216	-0.2983**	0.0006	0.1562*	0.0139	-0.0290	0.1571*
VAR67	0.4298**	0.1705*	0.2625**	0.1550*	0.1501*	0.0503	0.0771	0.0452	-0.2225**
VAR68	0.3525**	0.4139**	0.4246**	0.1954**	0.2123**	0.0421	0.1807*	0.3560**	-0.3052**
VAR69	0.0486	0.1558*	0.1732*	0.2522**	0.2446**	-0.0689	0.1927**	0.1773*	-0.2033**
VAR70	0.1538*	-0.0049	0.0171	-0.1818*	0.0016	0.0769	-0.0079	0.0025	0.1703*
VAR71	0.2417**	0.3482**	0.4742**	0.1699*	0.1126	0.1180	0.2749**	0.2194**	-0.1866**
VAR72	0.4207**	0.1905**	0.1229	0.1105	0.2576**	0.0014	0.1537*	0.1651*	-0.1562*
VAR73	1.0000	0.1458*	0.2268**	0.1239	0.2172**	0.1147	0.0059	0.0752	-0.2017**
VAR74	0.1458*	1.0000	0.5630**	0.1873**	0.2112**	-0.0017	0.4000**	0.5540**	-0.2478**
VAR75	0.2268**	0.5630**	1.0000	0.1366	0.1991**	0.0473	0.4058**	0.4280**	-0.3265**
VAR76	0.1239	0.1873**	0.1366	1.0000	0.1022	-0.0234	0.1446*	0.1716*	-0.2263**
VAR77	0.2172**	0.2112**	0.1991**	0.1022	1.0000	0.0122	0.2385**	0.2788**	-0.1757*
VAR78	0.1147	-0.0017	0.0473	-0.0234	0.0122	1.0000	-0.0491	0.0821	0.0307
VAR79	0.0059	0.4000**	0.4058**	0.1446*	0.2385**	-0.0491	1.0000	0.2246**	-0.1482*
VAR80	0.0752	0.5540**	0.4280**	0.1716*	0.2788**	0.0821	0.2246**	1.0000	-0.2724**
VAR81	-0.2017**	-0.2478**	-0.3265**	-0.2263**	-0.1757*	0.0307	-0.1482*	-0.2724**	1.0000

* - SIGNIF. LE .01 ** - SIGNIF. LE .001

Figure A


6 FACTORS ON FEMALES
HORIZONTAL FACTOR 1
Sr
VERTICAL FACTOR 2
Sd
HORIZONTAL FACTOR 1
Sr
VERTICAL FACTOR 3
Ag
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
14 = confused
15 = cooperative
16 = like crying
17 = cruel
18 = disappointed
19 = disturbed
20 = dumb
21 = embarrassed
22 = excited
23 = fed-up
24 = like fighting
25 = fine
26 = friendly
27 = furious
28 = giggly
29 = like giving-up
30 = glad
31 = great
32 = grouchy
33 = grumpy
34 = handsome/pretty
35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kicking
43 = kind
44 = like laughing
45 = lazy
46 = liked
47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful





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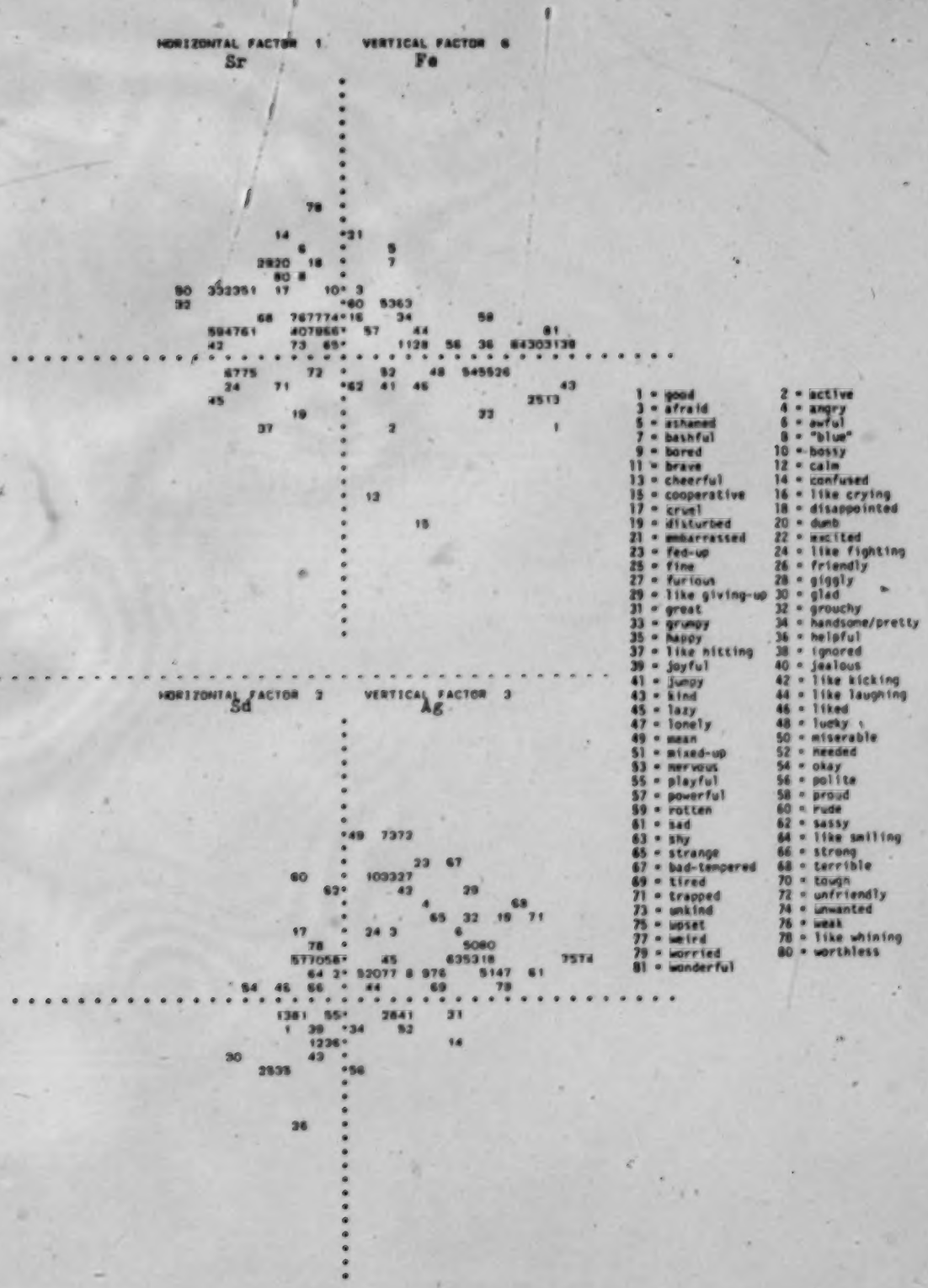
HORIZONTAL FACTOR 1
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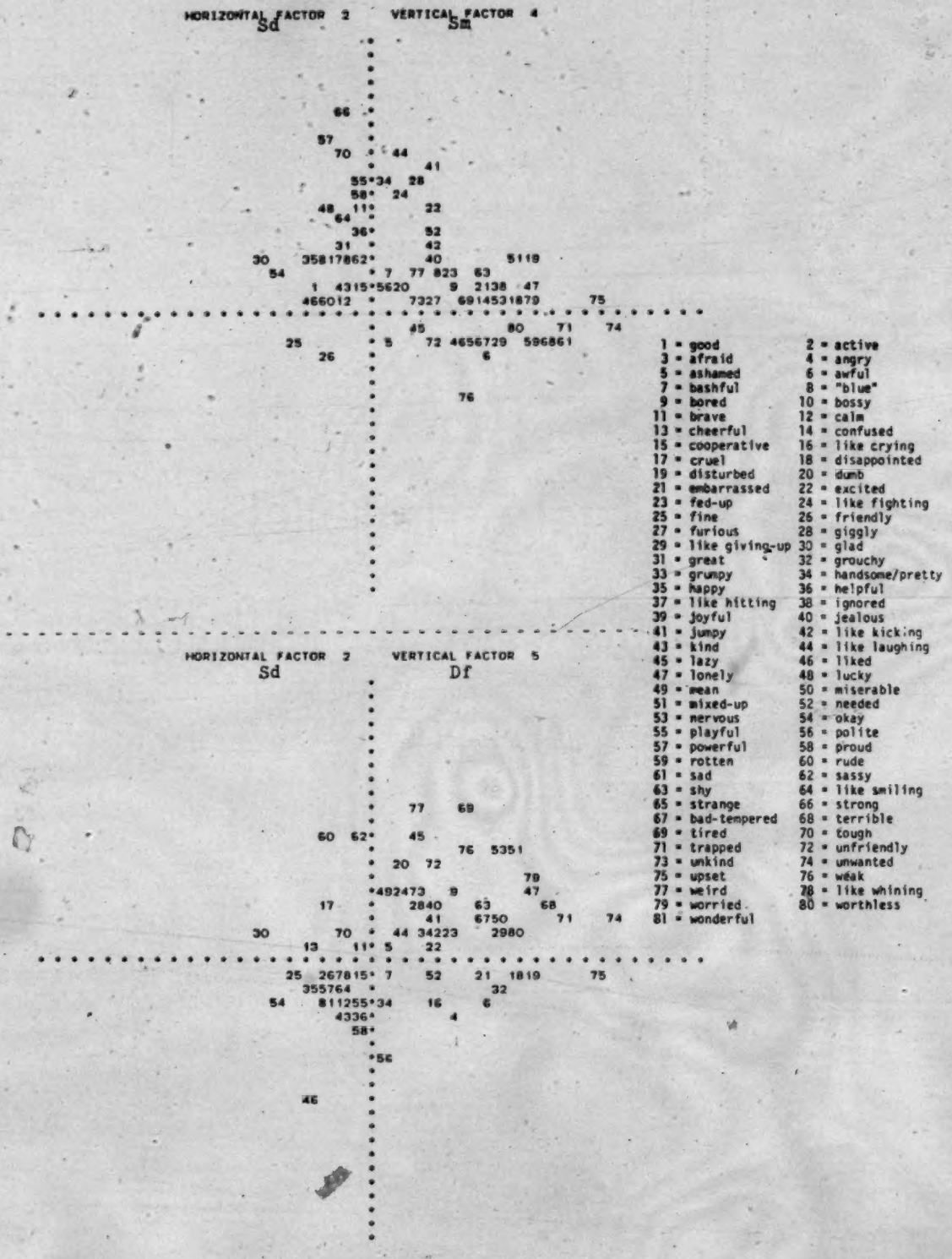

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26 = friendly
27 = furious
28 = giggly
29 = like giving-up
30 = glad
31 = great
32 = grouchy
33 = grumpy
34 = handsome/pretty
35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kicking
43 = kind
44 = like laughing
45 = lazy
46 = liked
47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
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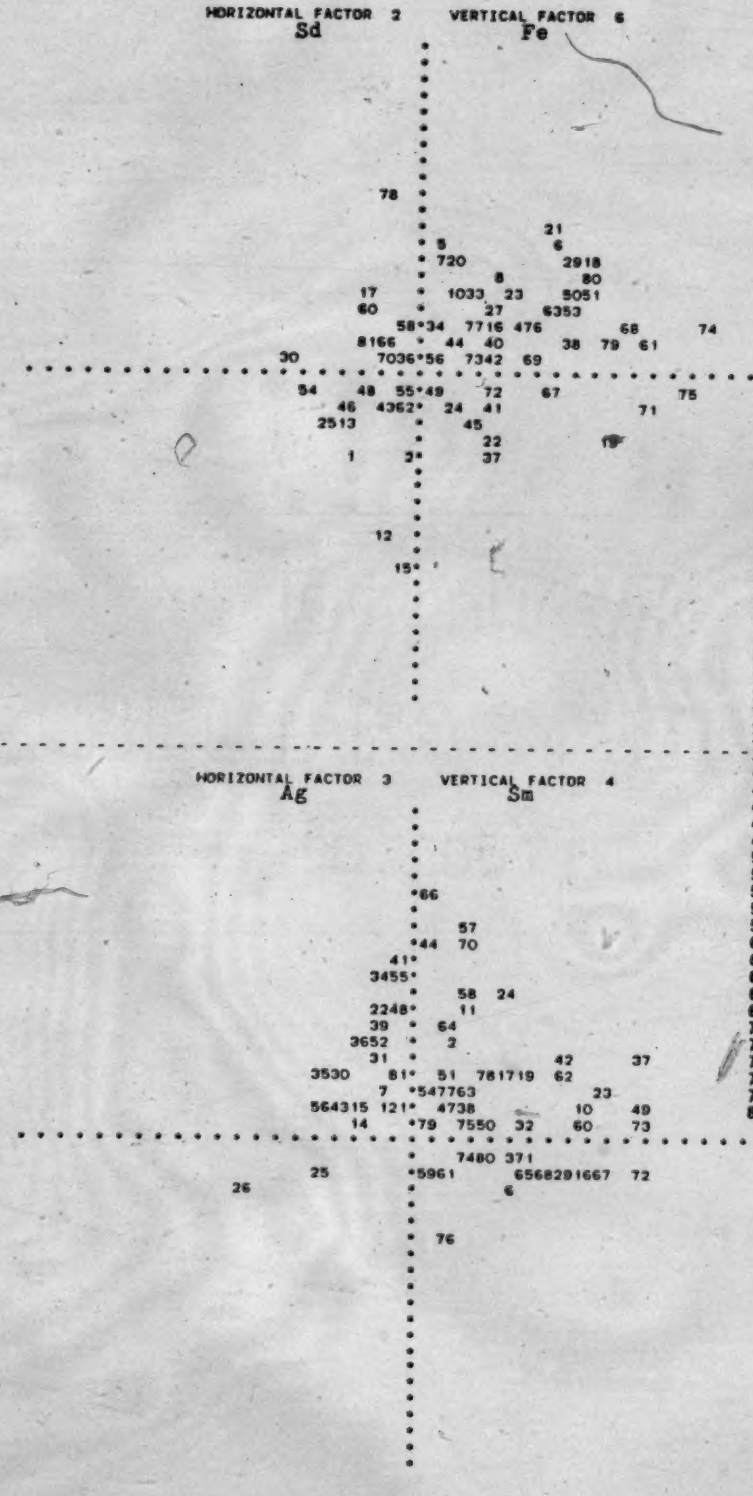
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful



1 = good
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14 = confused
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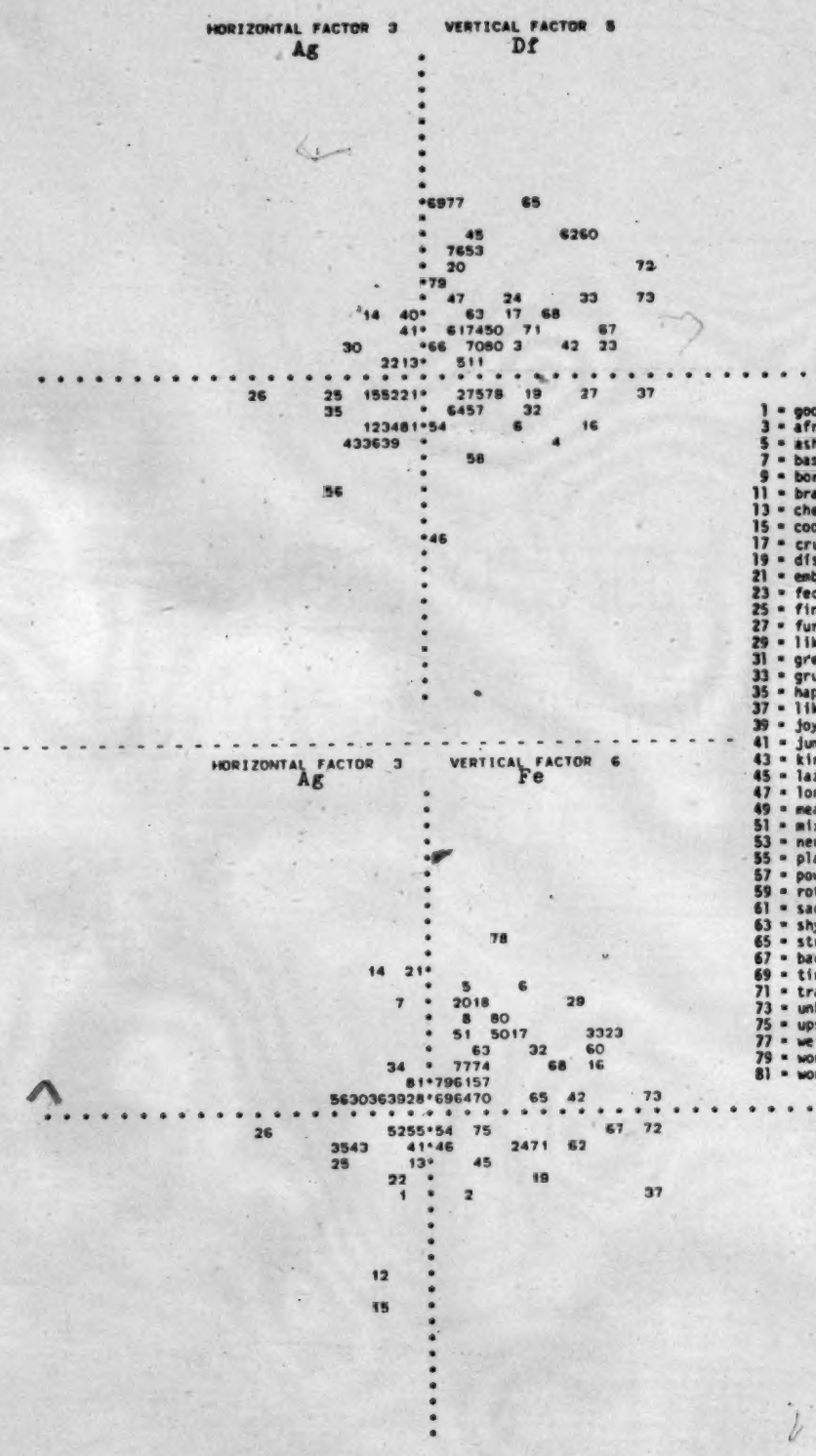

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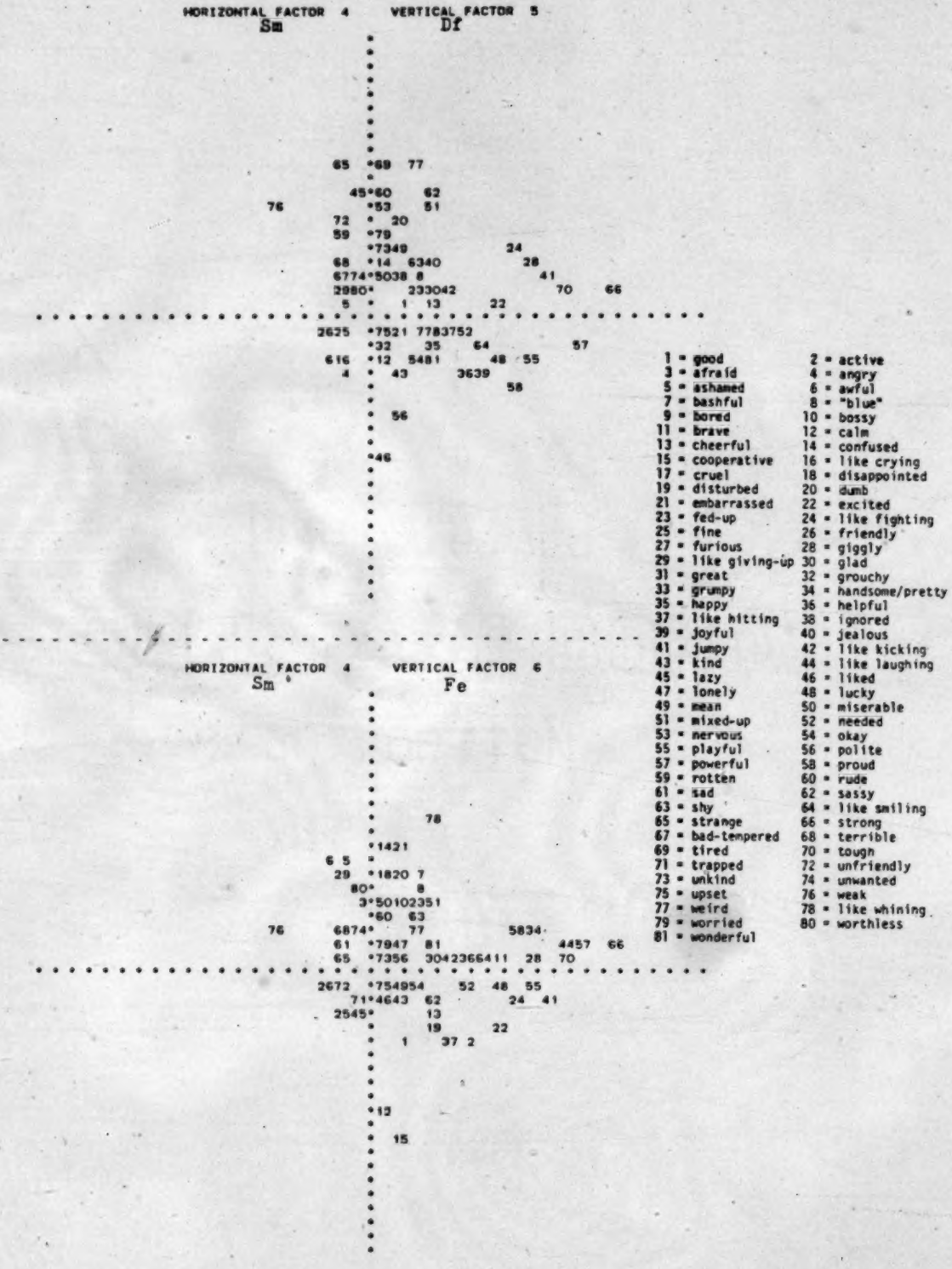
HORIZONTAL FACTOR 4
Sm
VERTICAL FACTOR 5
Df
HORIZONTAL FACTOR 4
Sm
VERTICAL FACTOR 6
Fe
1 = good
2 = active
3 = afraid
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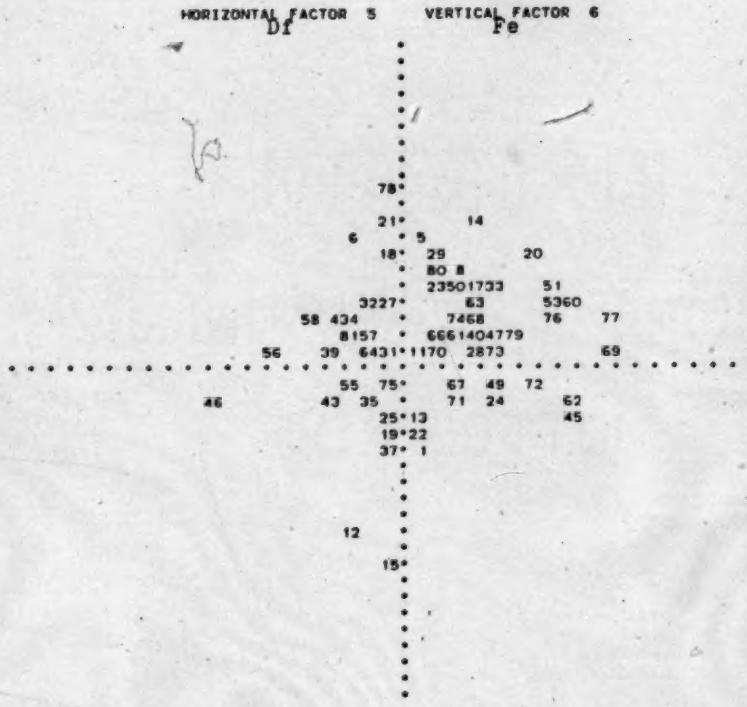

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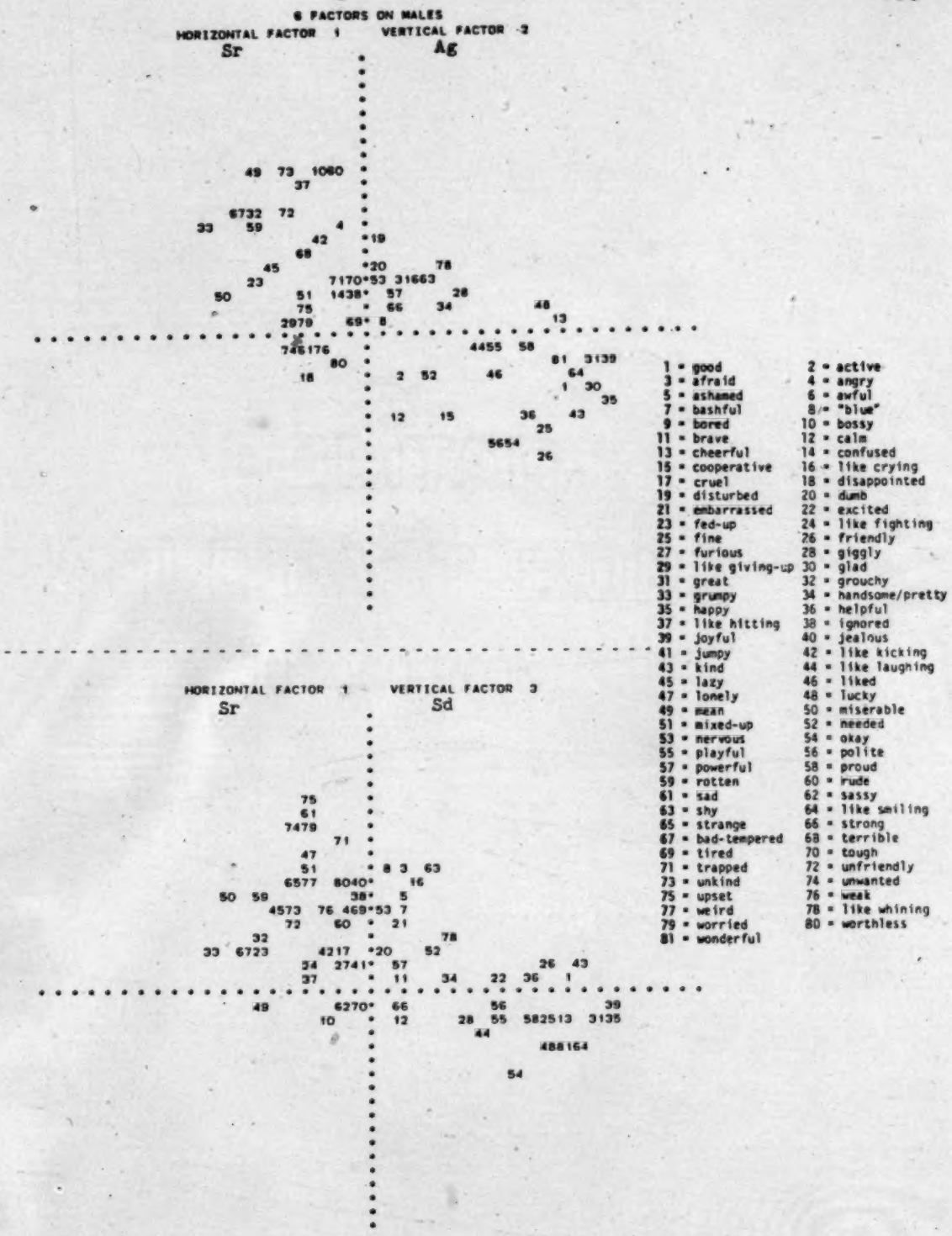
Figure B


6 FACTORS ON MALES
HORIZONTAL FACTOR 1
Sr
VERTICAL FACTOR 2
Ag
HORIZONTAL FACTOR 1
Sr
VERTICAL FACTOR 3
Sd
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
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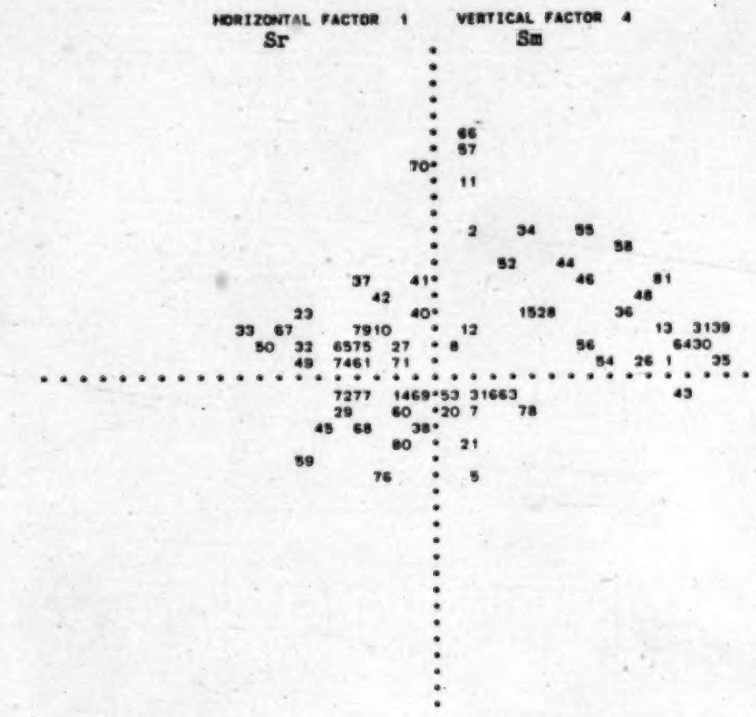

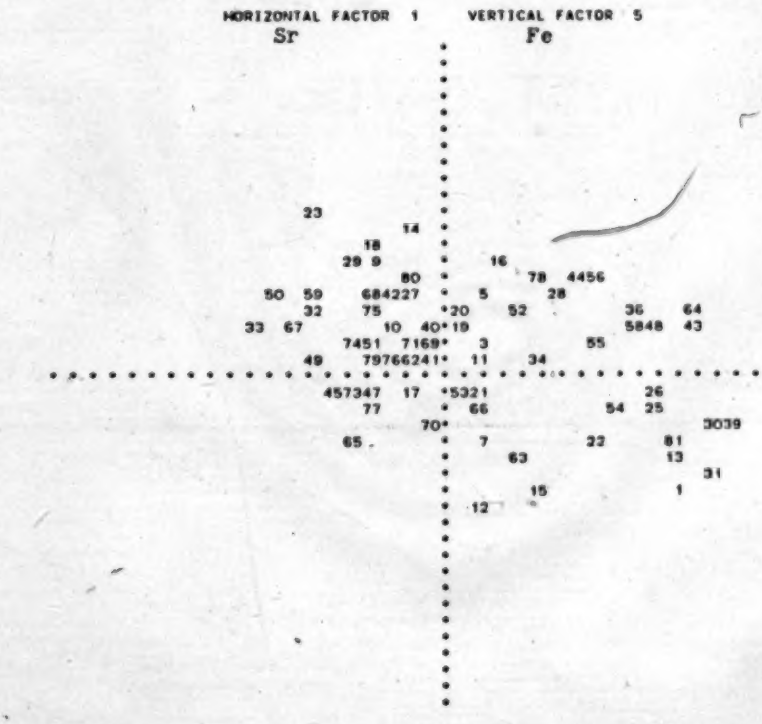

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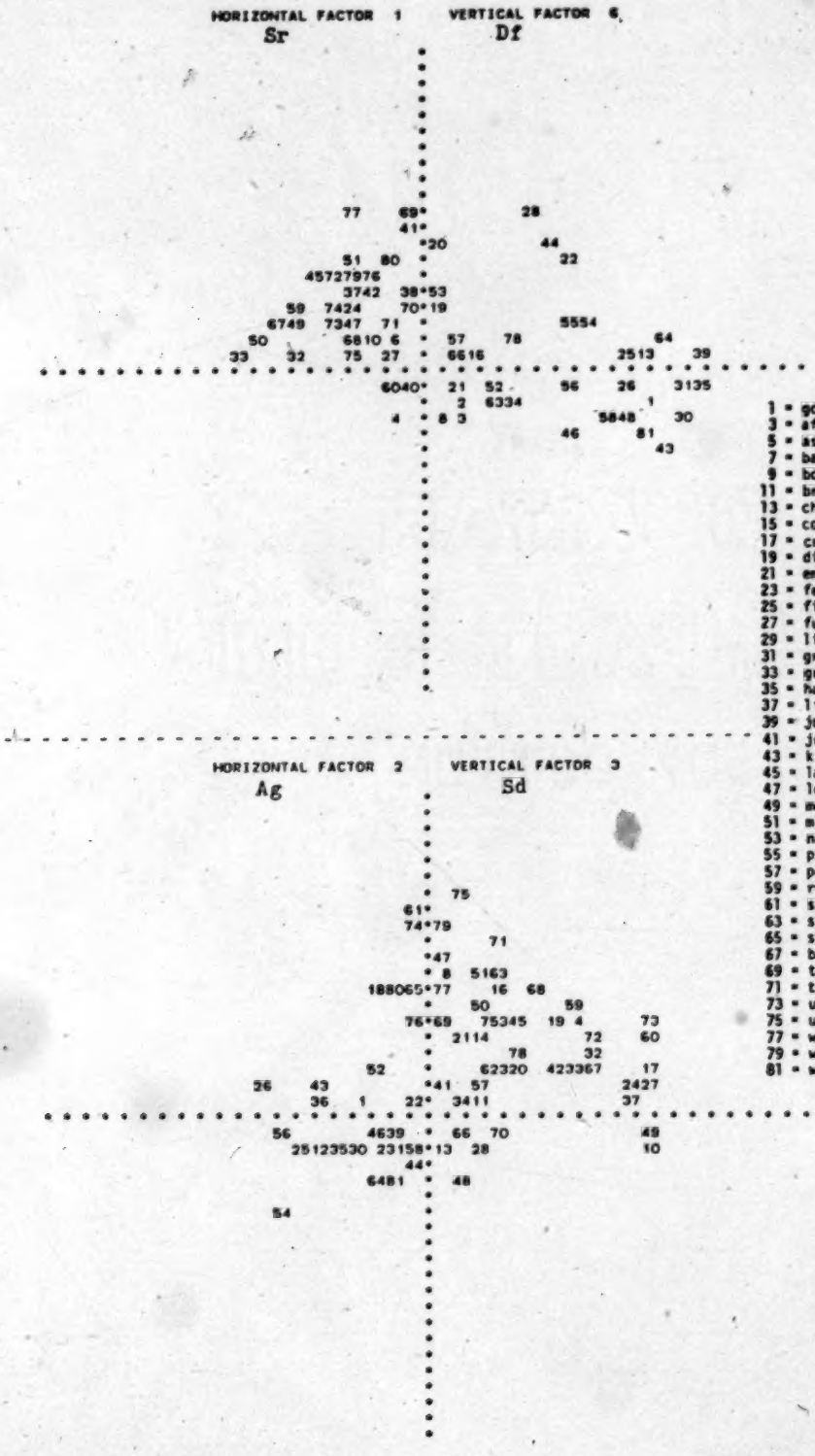

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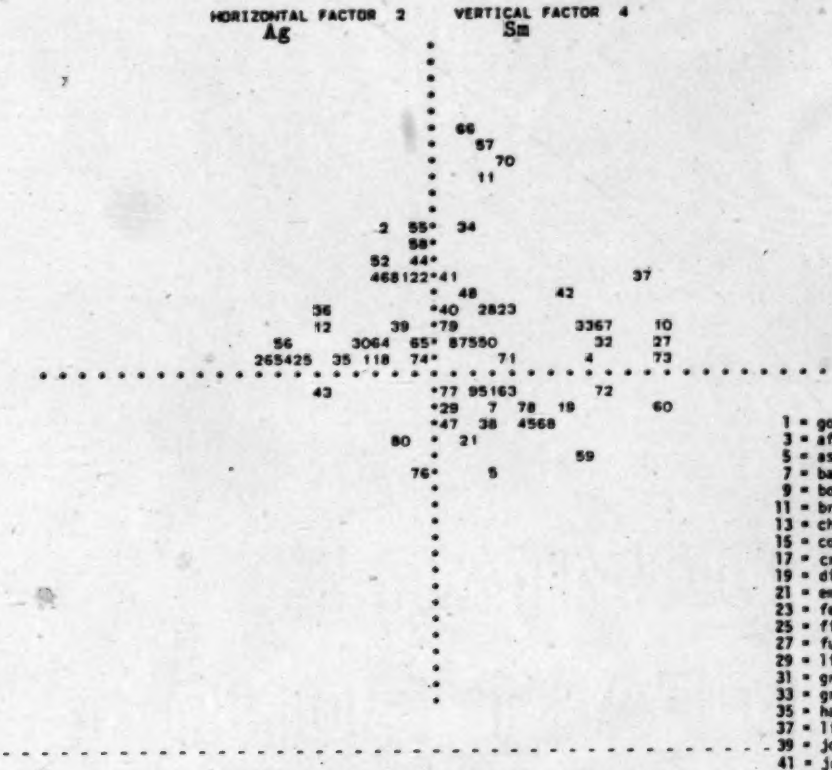

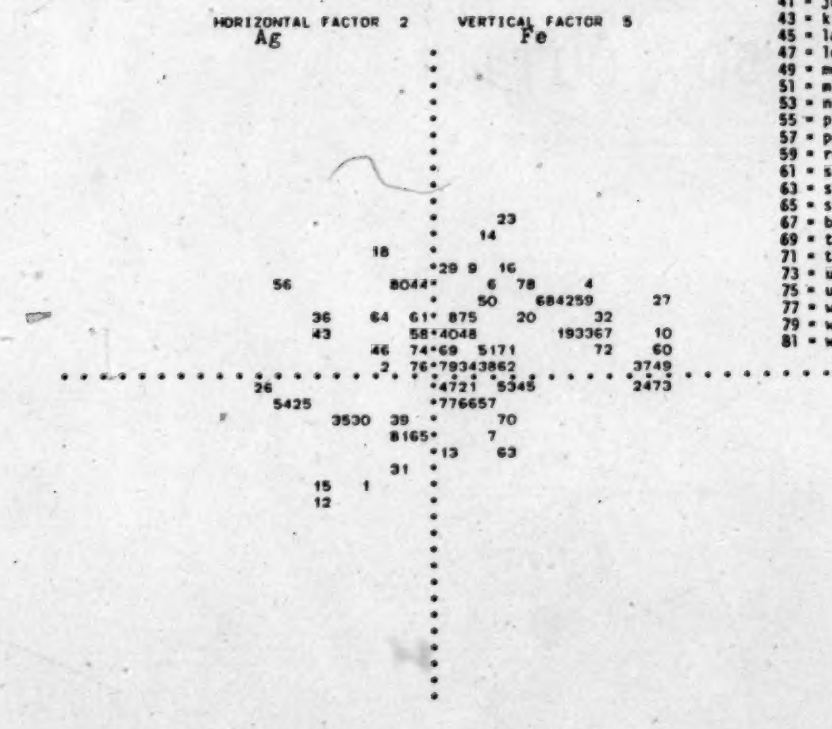

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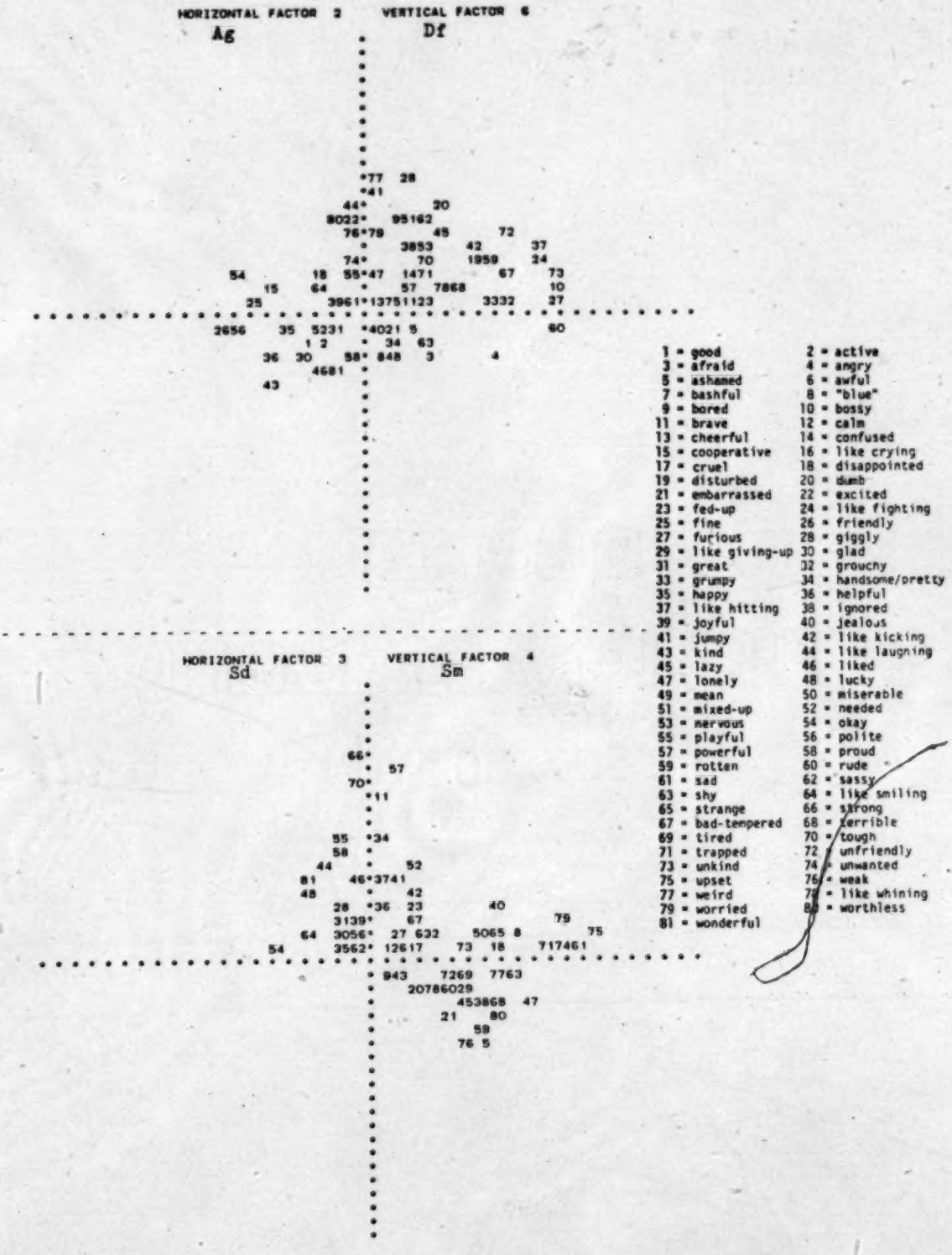
HORIZONTAL FACTOR 2
Ag
VERTICAL FACTOR 6
Df
HORIZONTAL FACTOR 3
Sd
VERTICAL FACTOR 4
Sm
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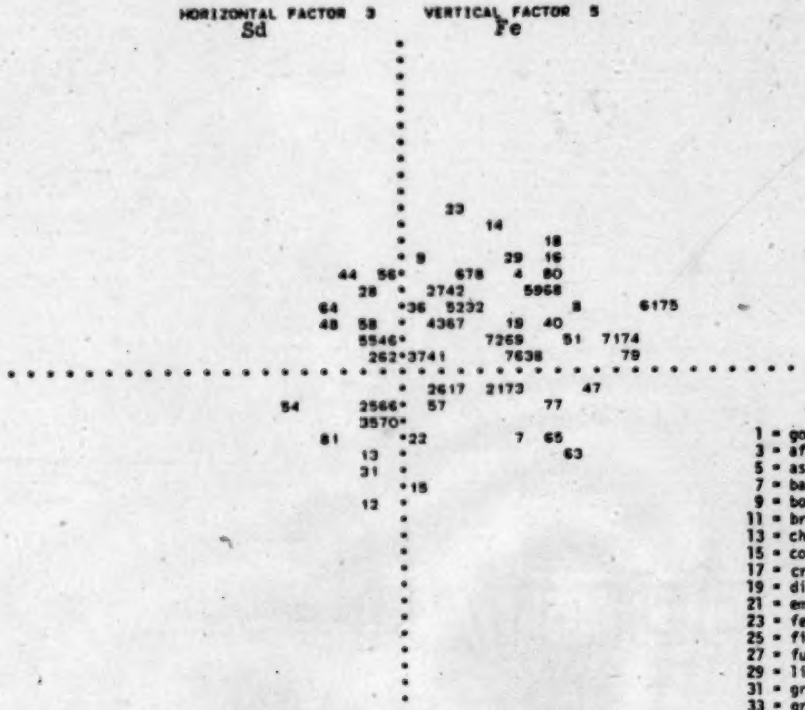

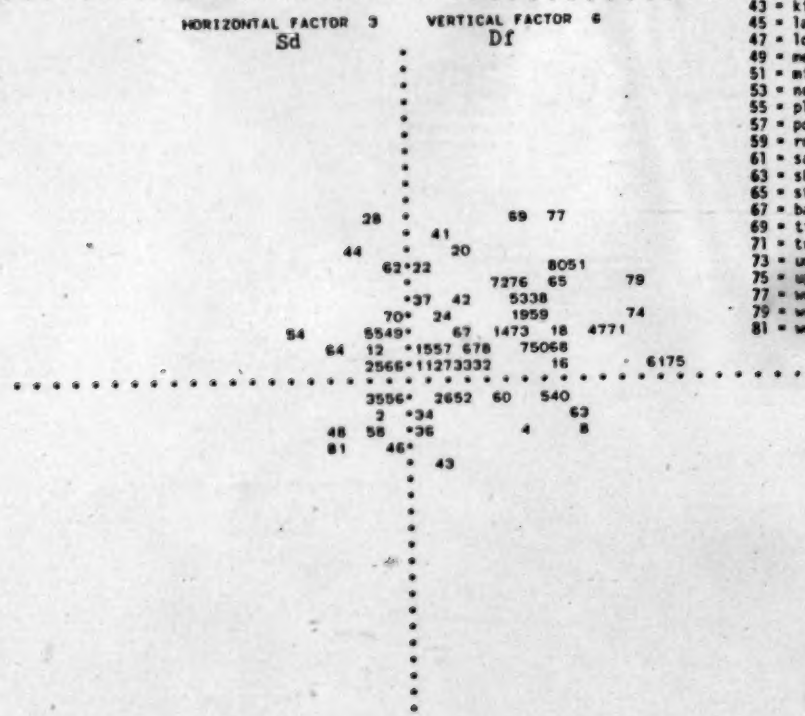

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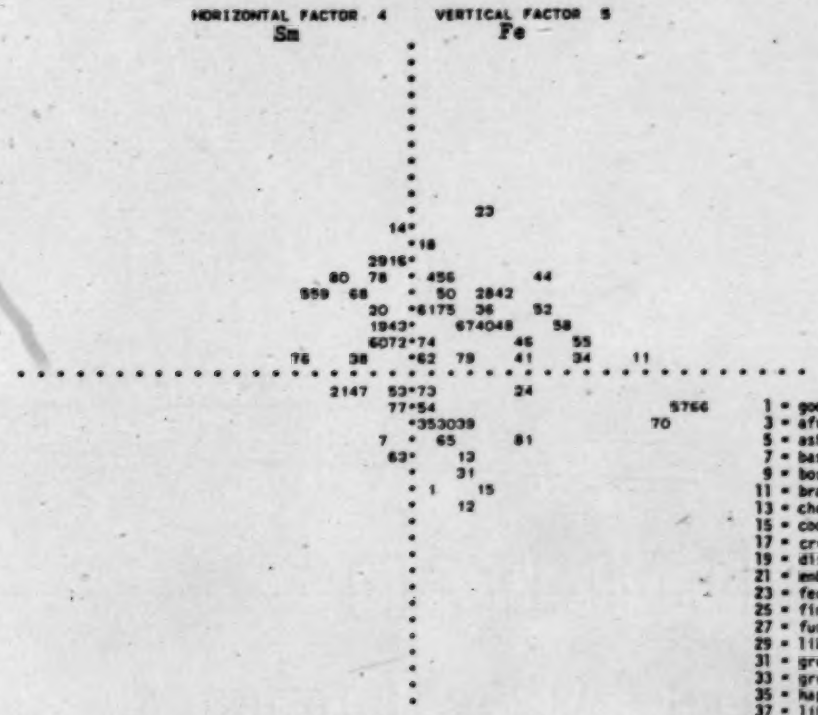

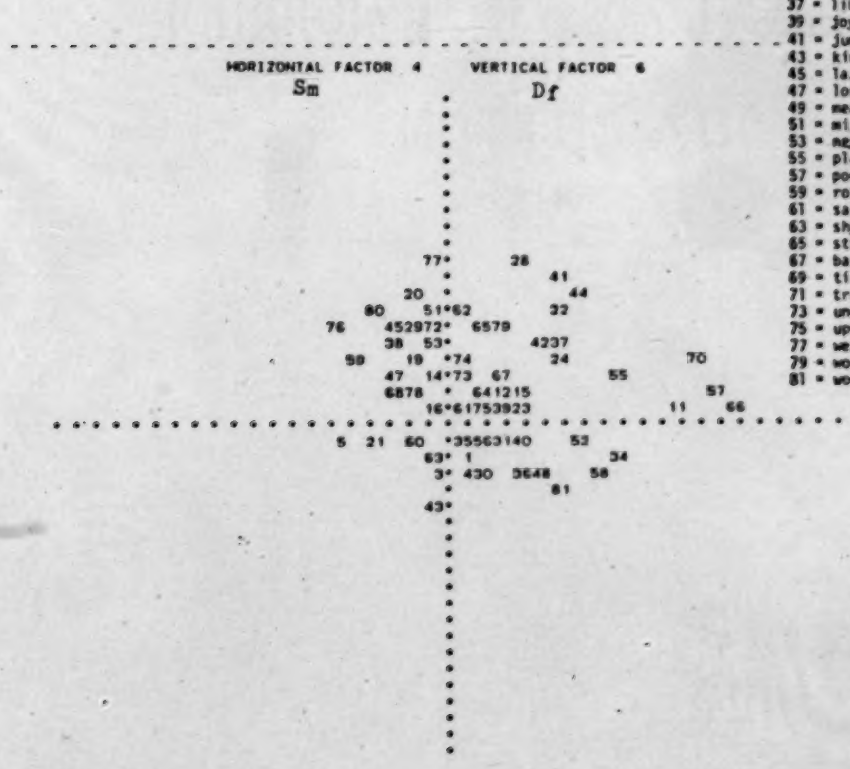

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74 = unwanted
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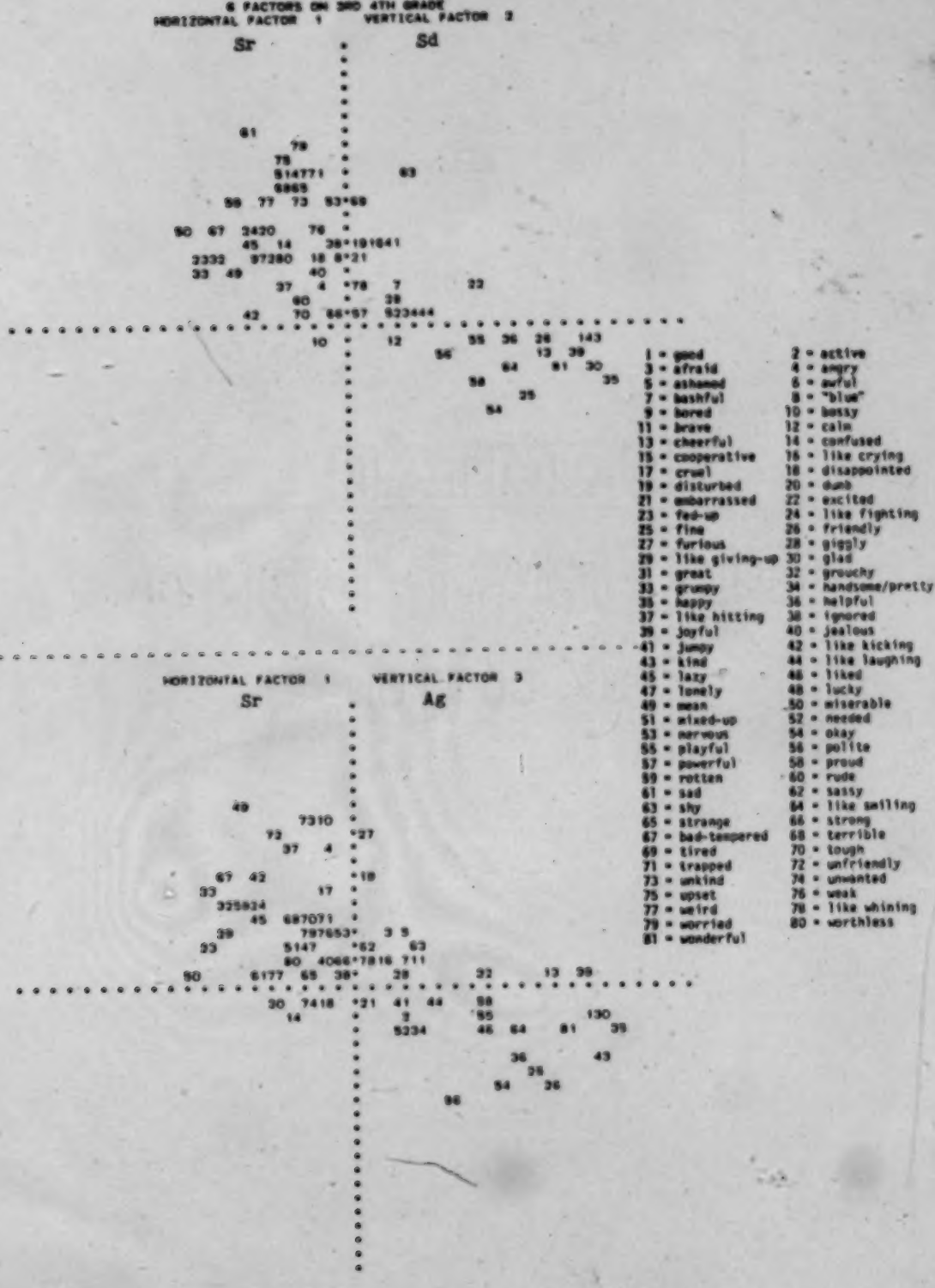
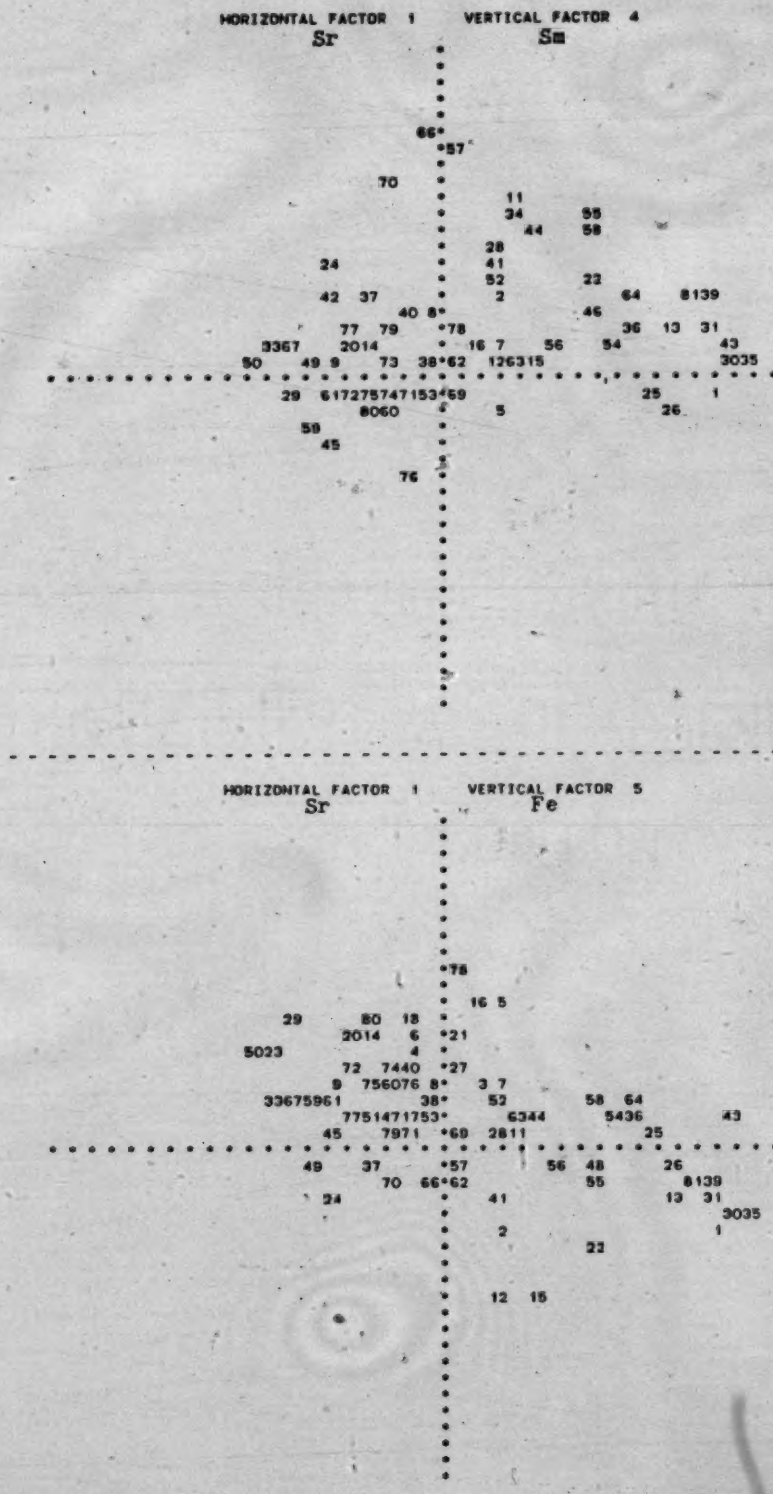
Figure C

6 FACTORS ON 3RD 4TH GRADE





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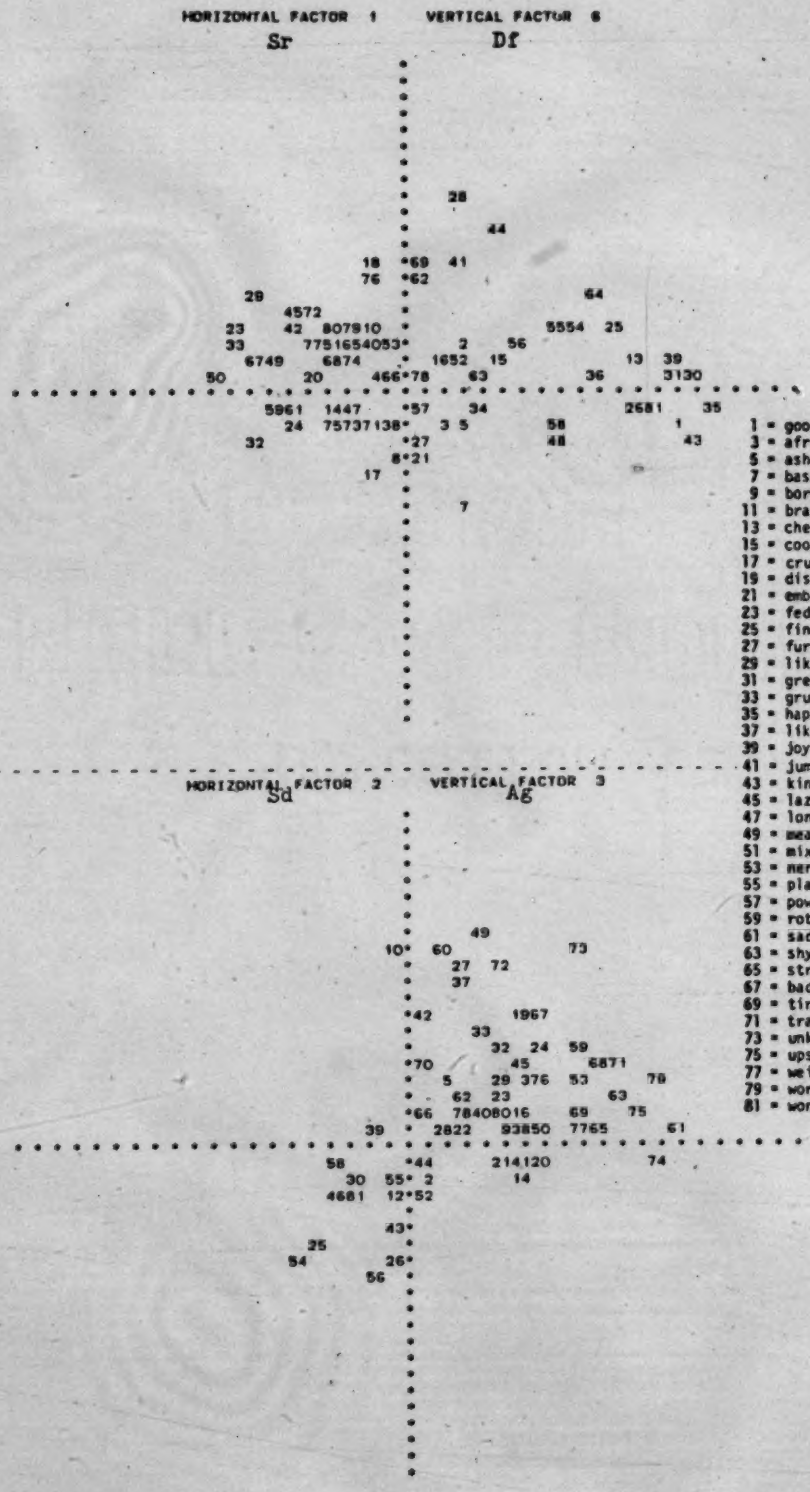
17 = cruel
18 = disappointed
19 = disturbed
20 = dumb
21 = embarrassed
22 = excited
23 = fed-up
24 = like fighting
25 = fine
26 = friendly
27 = furious
28 = giggly
29 = like giving-up
30 = glad
31 = great
32 = grouchy
33 = grumpy
34 = handsome/pretty
35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kicking
43 = kind
44 = like laughing
45 = lazy
46 = liked
47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful



1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
14 = confused
15 = cooperative
16 = like crying
17 = cruel
18 = disappointed
19 = disturbed
20 = dumb
21 = embarrassed
22 = excited
23 = fed-up
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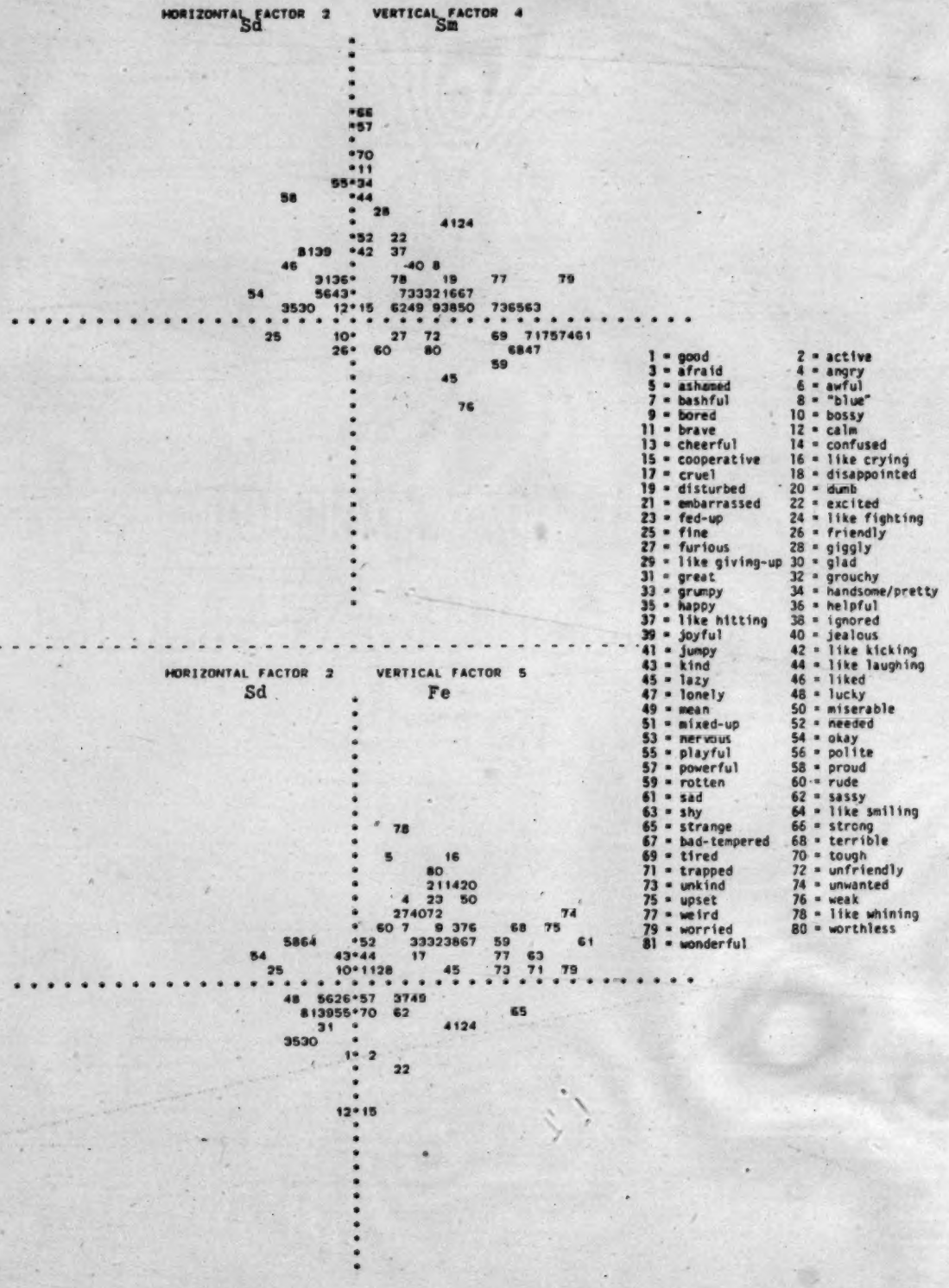
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful


HORIZONTAL FACTOR 2
Sd
VERTICAL FACTOR 4
Sm
HORIZONTAL FACTOR 2
Sd
VERTICAL FACTOR 5
Fe
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
14 = confused
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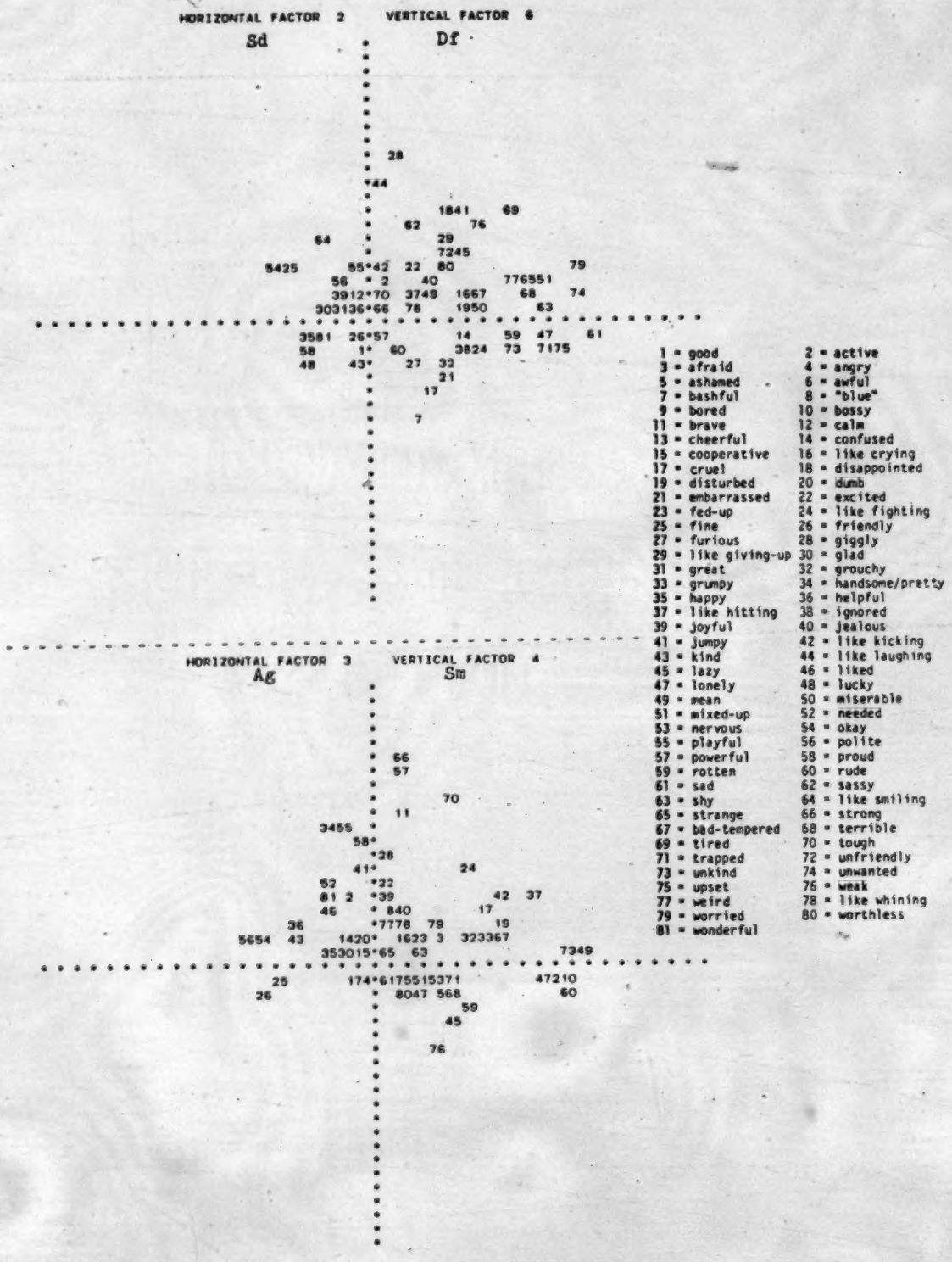
79 = worried
80 = worthless
81 = wonderful


HORIZONTAL FACTOR 2
Sd
VERTICAL FACTOR 6
Df
HORIZONTAL FACTOR 3
Ag
VERTICAL FACTOR 4
Sm
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
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37 = like hitting
38 = ignored
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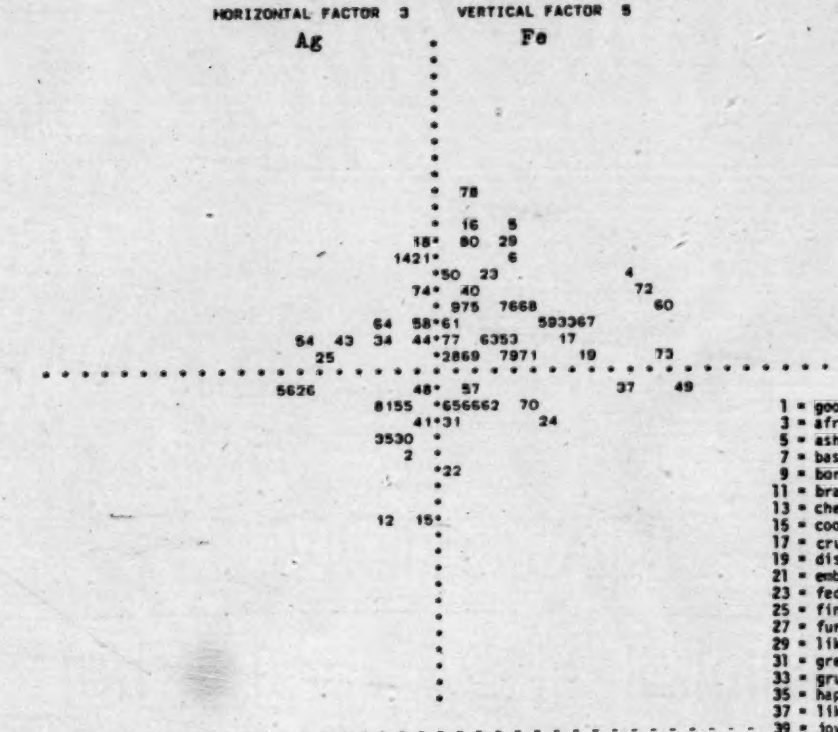
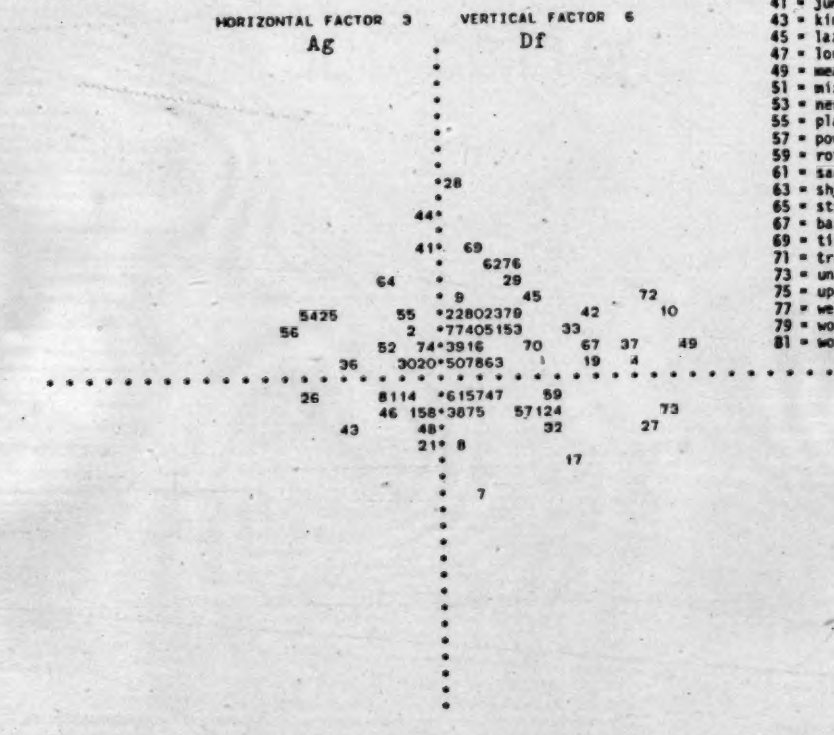
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful





1 = good
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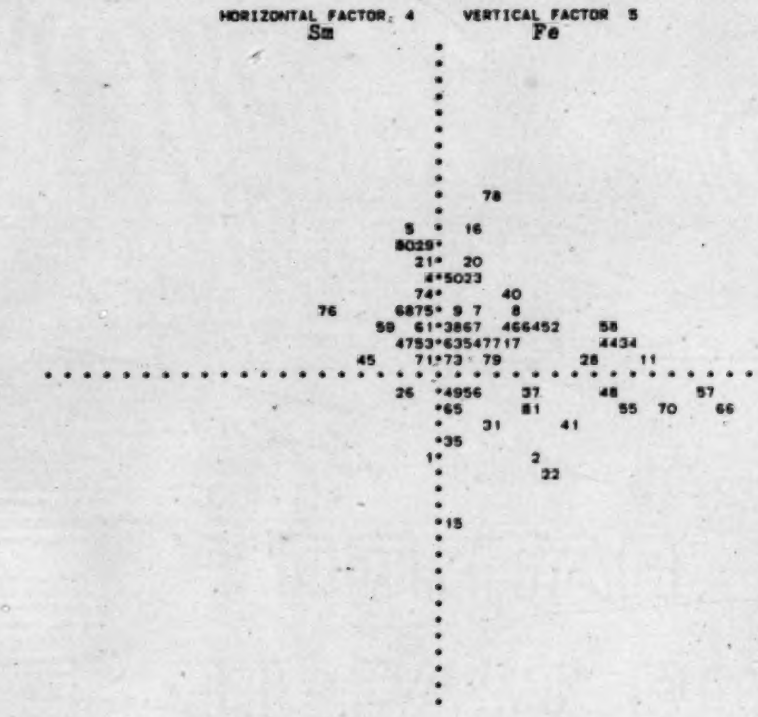
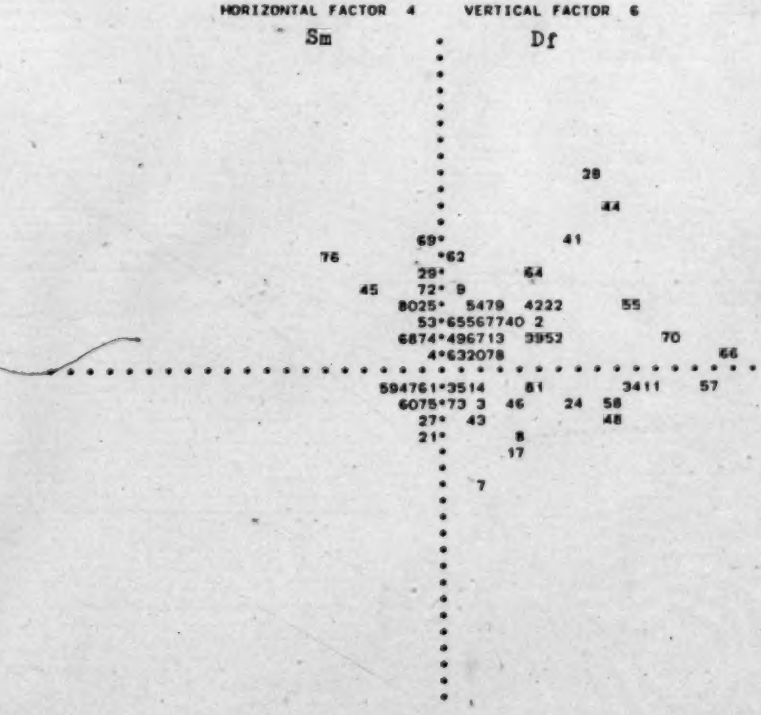
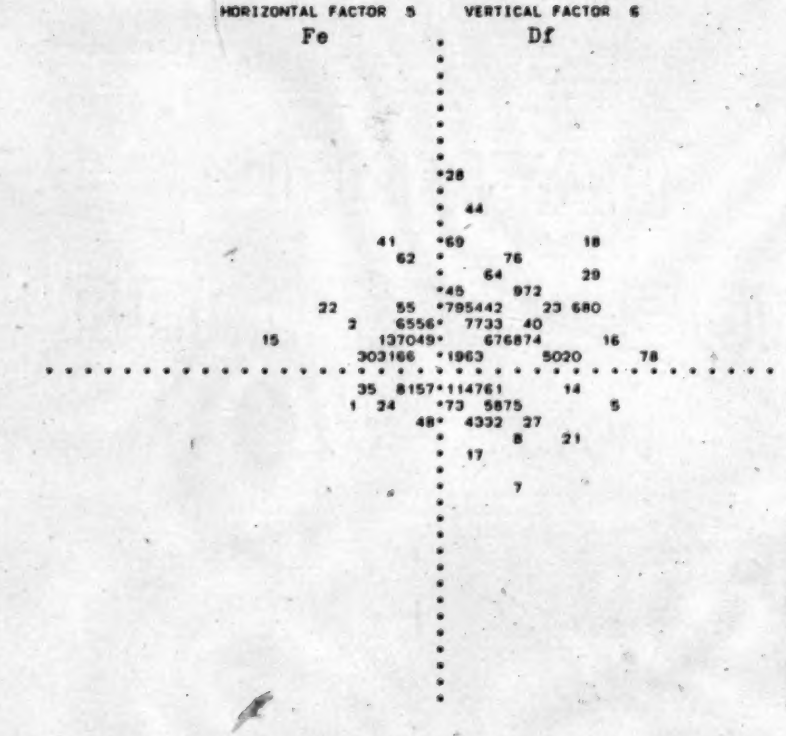
79 = worried
80 = worthless
81 = wonderful





1 = good	2 = active
3 = afraid	4 = angry
5 = ashamed	6 = awful
7 = bashful	8 = "blue"
9 = bored	10 = bossy
11 = brave	12 = calm
13 = cheerful	14 = confused
15 = cooperative	16 = like crying
17 = cruel	18 = disappointed
19 = disturbed	20 = dumb
21 = embarrassed	22 = excited
23 = fed-up	24 = like fighting
25 = fine	26 = friendly
27 = furious	28 = giggly
29 = like giving-up	30 = glad
31 = great	32 = grouchy
33 = grumpy	34 = handsome/pretty
35 = happy	36 = helpful
37 = like hitting	38 = ignored
39 = joyful	40 = jealous
41 = jumpy	42 = like kicking
43 = kind	44 = like laughing
45 = lazy	46 = liked
47 = lonely	48 = lucky
49 = mean	50 = miserable
51 = mixed-up	52 = needed
53 = nervous	54 = okay
55 = playful	56 = polite
57 = powerful	58 = proud
59 = rotten	60 = rude
61 = sad	62 = sassy
63 = shy	64 = like smiling
65 = strange	66 = strong
67 = bad-tempered	68 = terrible
69 = tired	70 = tough
71 = trapped	72 = unfriendly
73 = unkind	74 = unwanted
75 = upset	76 = weak
77 = weird	78 = like whining
79 = worried	80 = worthless
81 = wonderful	



1 = good
2 = active
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4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
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49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
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64 = like smiling
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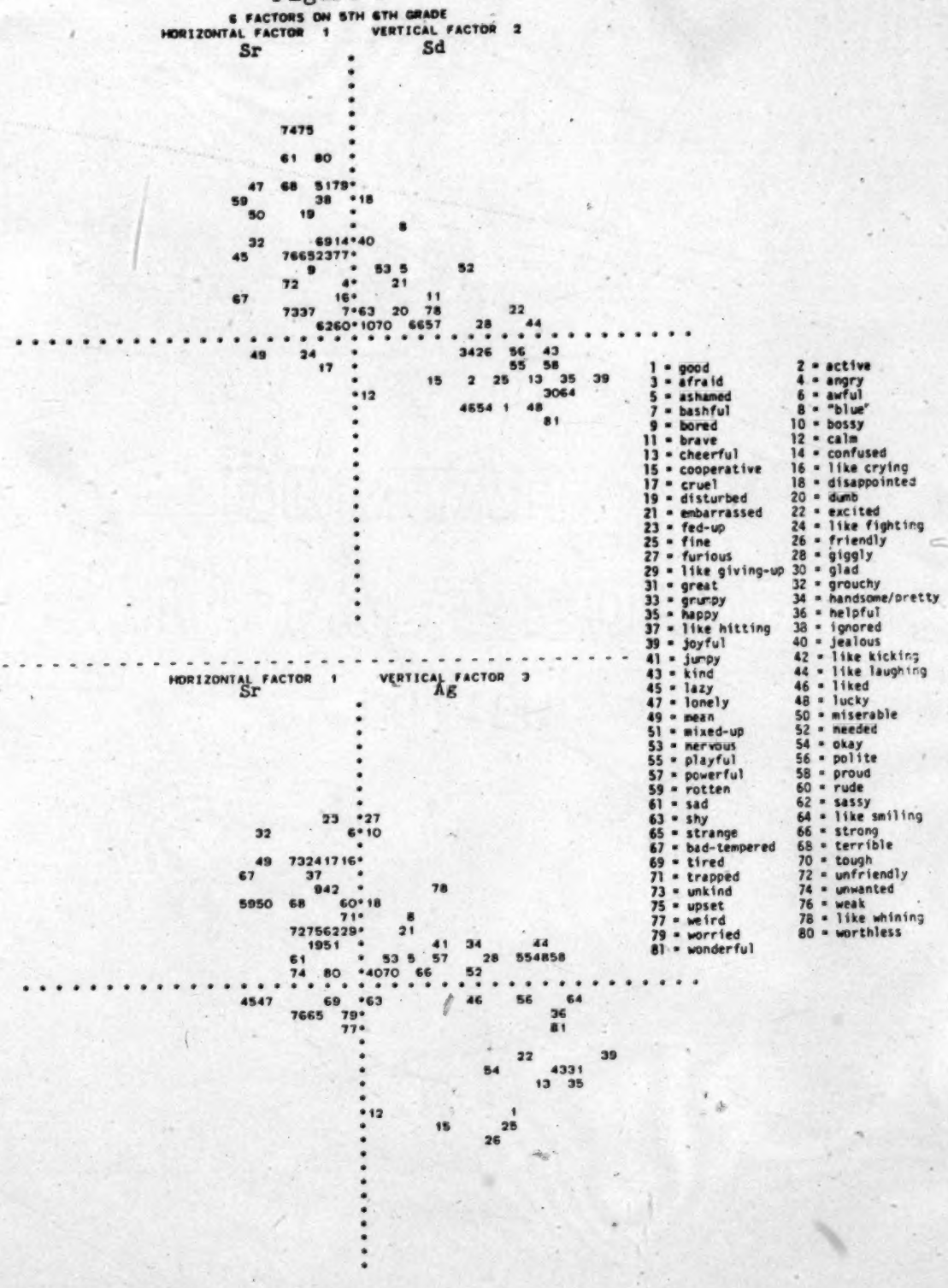
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful

Figure D


6 FACTORS ON 5TH 6TH GRADE
HORIZONTAL FACTOR 1
VERTICAL FACTOR 2
Sr
Sd
HORIZONTAL FACTOR 1
VERTICAL FACTOR 3
Sr
Ag
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
14 = confused
15 = cooperative
16 = like crying
17 = cruel
18 = disappointed
19 = disturbed
20 = dumb
21 = embarrassed
22 = excited
23 = fed-up
24 = like fighting
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29 = like giving-up
30 = glad
31 = great
32 = grouchy
33 = grumpy
34 = handsome/pretty
35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kicking
43 = kind
44 = like laughing
45 = lazy
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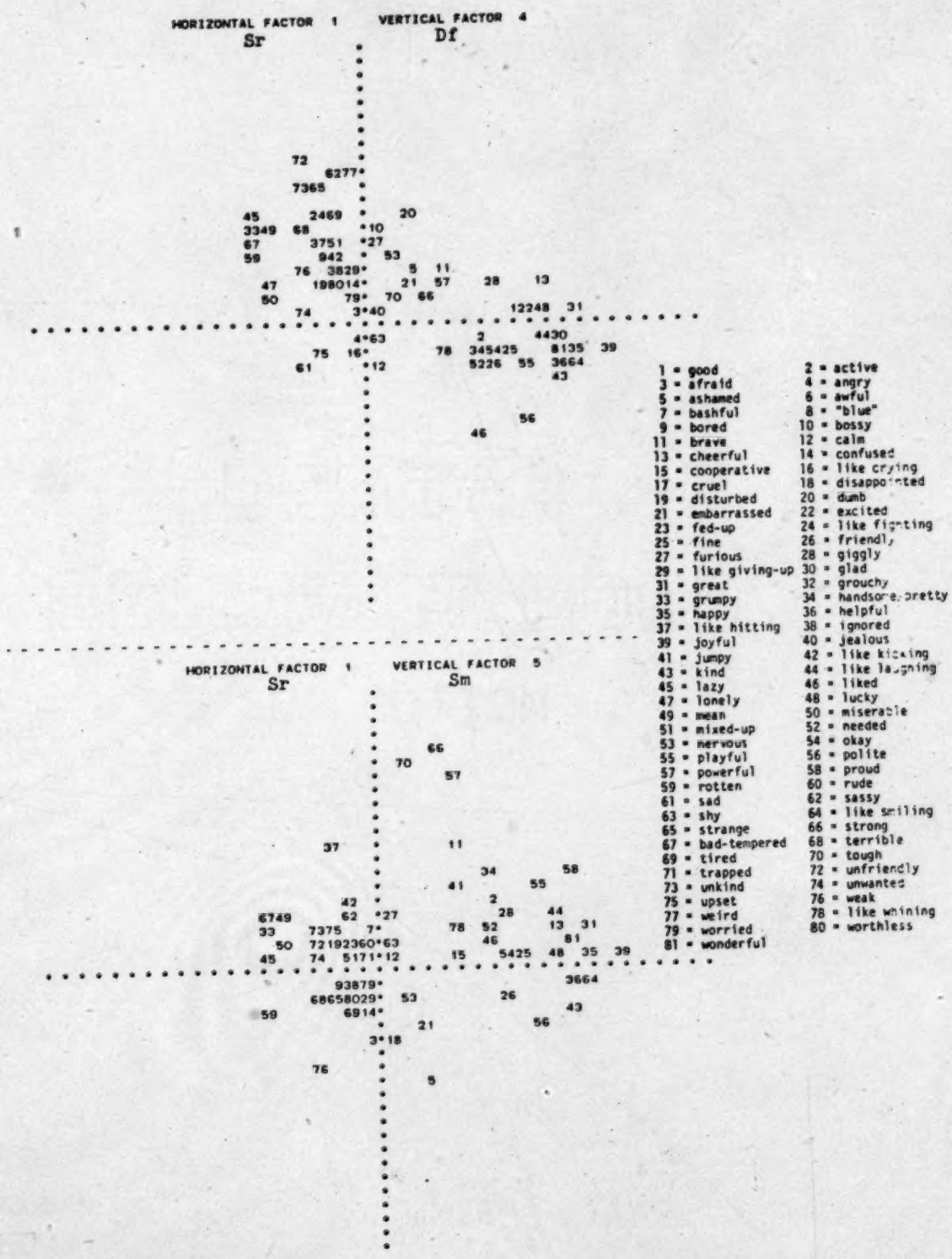
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful


HORIZONTAL FACTOR 1
Sr
VERTICAL FACTOR 4
Df
HORIZONTAL FACTOR 1
Sr
VERTICAL FACTOR 5
Sm
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
14 = confused
15 = cooperative
16 = like crying
17 = cruel
18 = disappointed
19 = disturbed
20 = dumb
21 = embarrassed
22 = excited
23 = fed-up
24 = like fighting
25 = fine
26 = friendly
27 = furious
28 = giggly
29 = like giving-up
30 = glad
31 = great
32 = grouchy
33 = grumpy
34 = handsome, pretty
35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kissing
43 = kind
44 = like laughing
45 = lazy
46 = liked
47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
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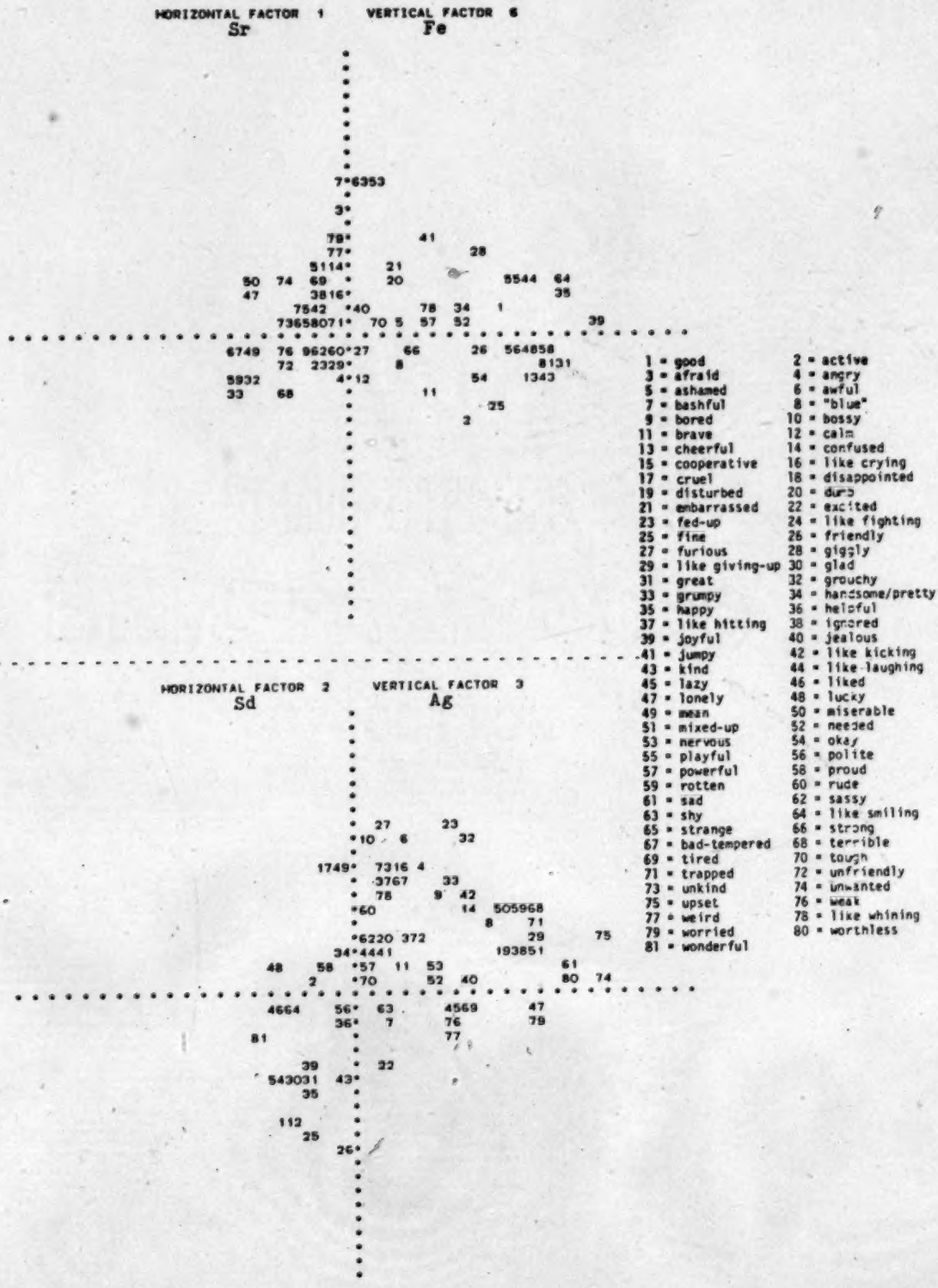
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful


HORIZONTAL FACTOR 1
Sr
VERTICAL FACTOR 6
Fe
HORIZONTAL FACTOR 2
Sd
VERTICAL FACTOR 3
Ag
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
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15 = cooperative
16 = like crying
17 = cruel
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24 = like fighting
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27 = furious
28 = giggly
29 = like giving-up
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33 = grumpy
34 = handsome/pretty
35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kicking
43 = kind
44 = like laughing
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47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
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54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
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62 = sassy
63 = shy
64 = like smiling
65 = strange
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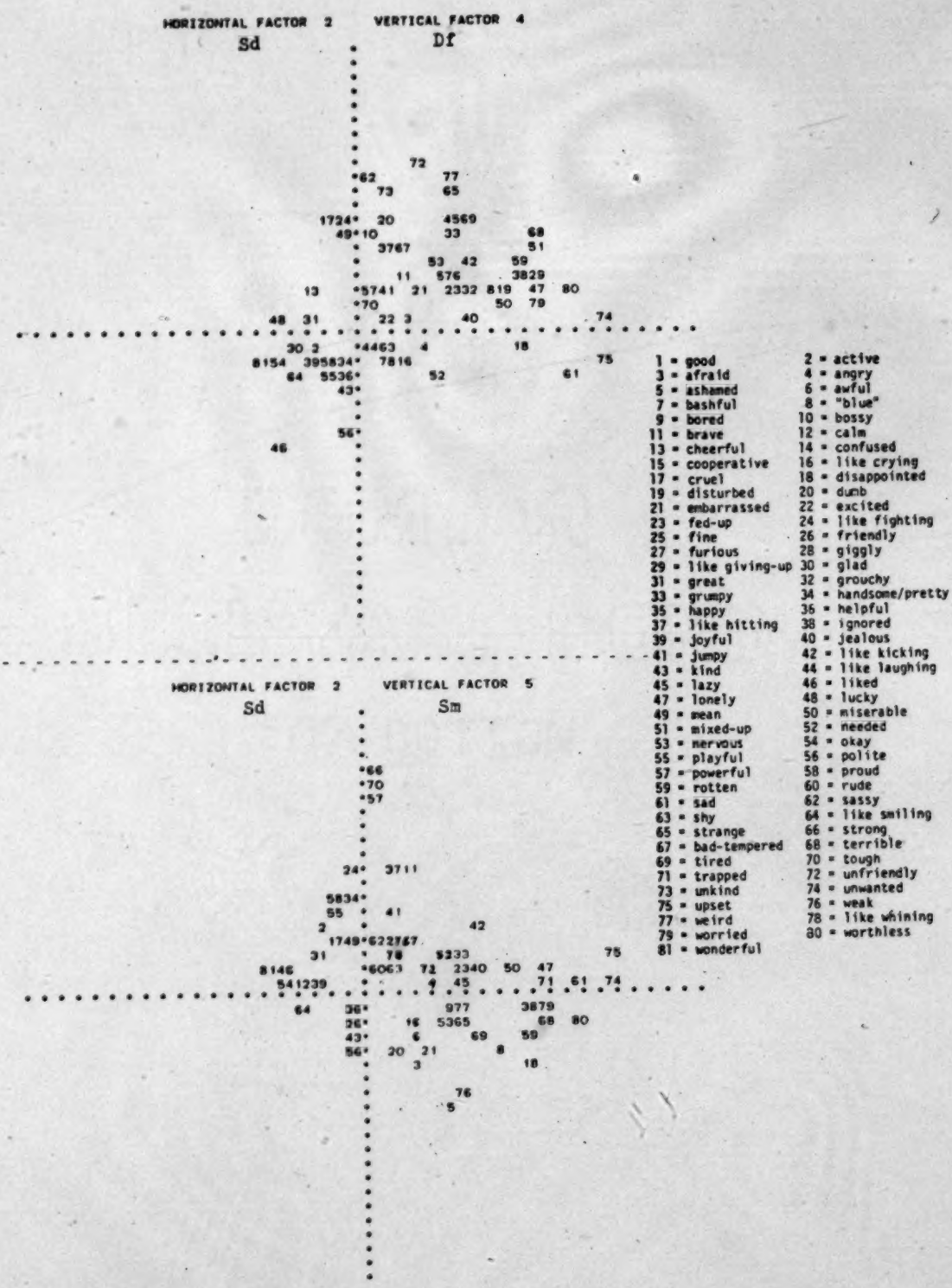
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful


HORIZONTAL FACTOR 2
Sd
VERTICAL FACTOR 4
Df
HORIZONTAL FACTOR 2
Sd
VERTICAL FACTOR 5
Sm
1 = good
2 = active
3 = afraid
4 = angry
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6 = awful
7 = bashful
8 = "blue"
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11 = brave
12 = calm
13 = cheerful
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54 = okay
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57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
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67 = bad-tempered
68 = terrible
69 = tired
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78 = like whining
79 = worried
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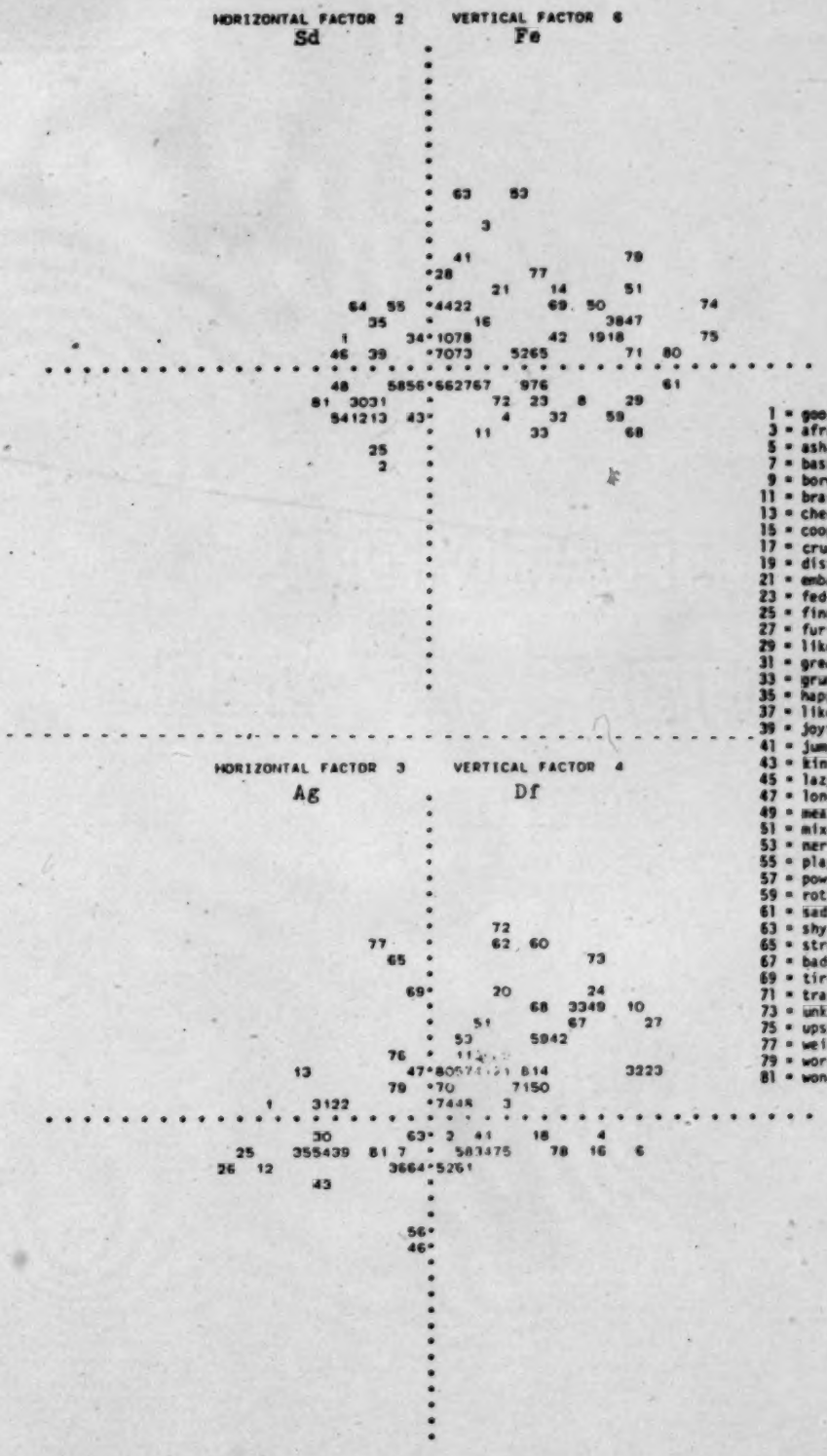

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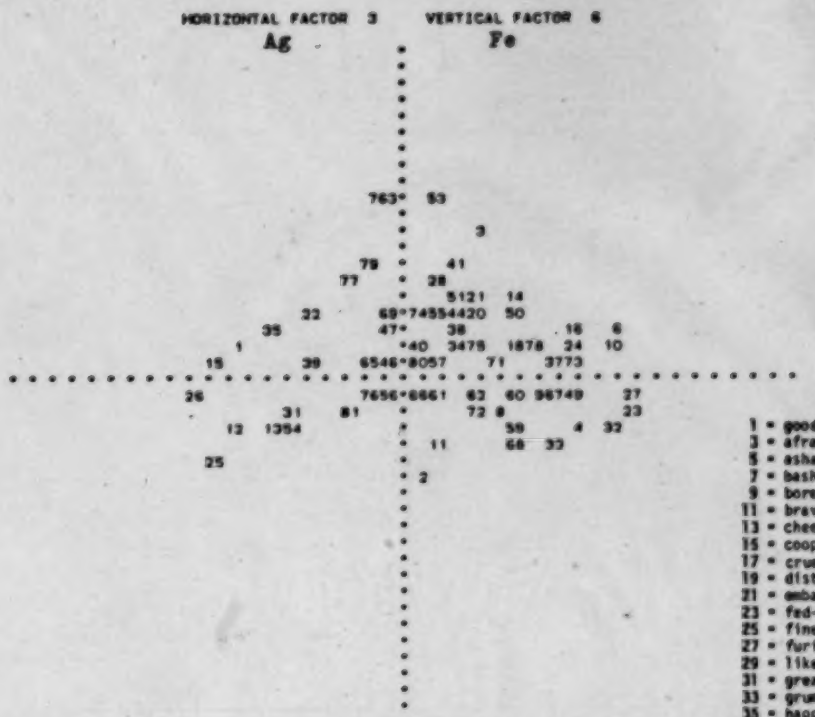

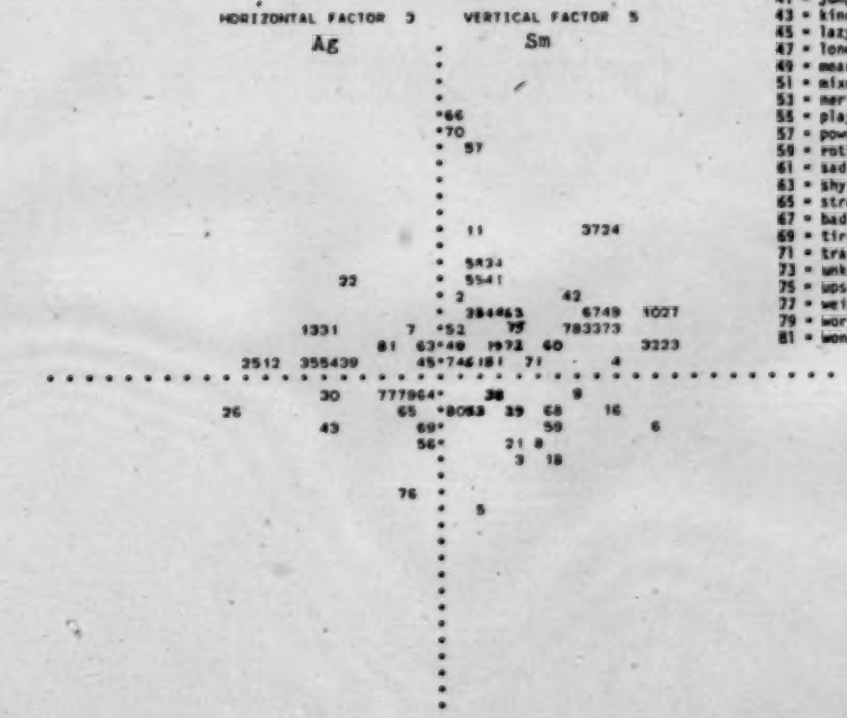

1 = good
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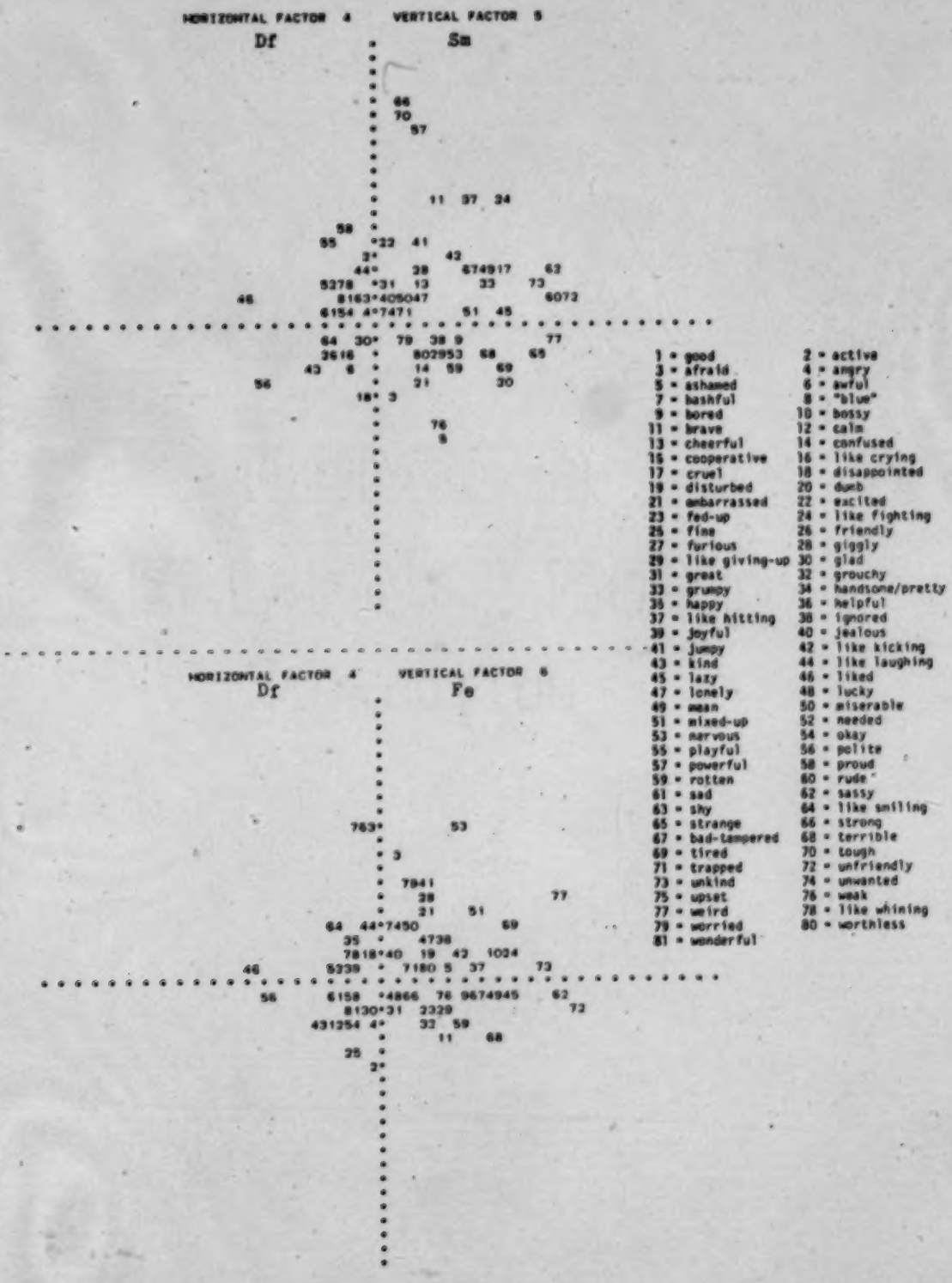
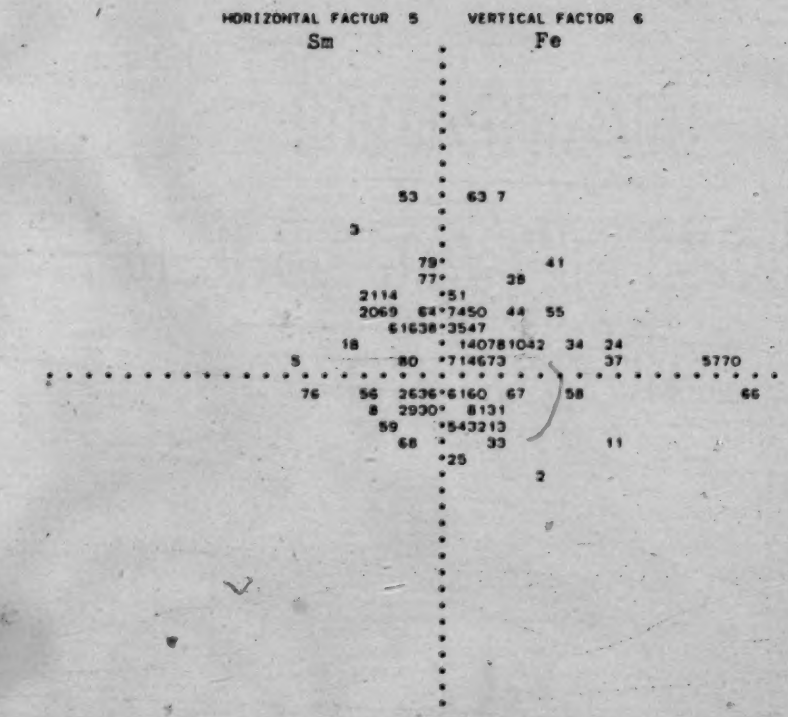

HORIZONTAL FACTOR 4
Df
VERTICAL FACTOR 5
Sm
HORIZONTAL FACTOR 4
Df
VERTICAL FACTOR 6
Fe
1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
14 = confused
15 = cooperative
16 = like crying
17 = cruel
18 = disappointed
19 = disturbed
20 = dumb
21 = embarrassed
22 = excited
23 = fed-up
24 = like fighting
25 = fine
26 = friendly
27 = furious
28 = giggly
29 = like giving-up
30 = glad
31 = great
32 = grouchy
33 = grumpy
34 = handsome/pretty
35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kicking
43 = kind
44 = like laughing
45 = lazy
46 = liked
47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful



1 = good
2 = active
3 = afraid
4 = angry
5 = ashamed
6 = awful
7 = bashful
8 = "blue"
9 = bored
10 = bossy
11 = brave
12 = calm
13 = cheerful
14 = confused
15 = cooperative
16 = like crying
17 = cruel
18 = disappointed
19 = disturbed
20 = dumb
21 = embarrassed
22 = excited
23 = fed-up
24 = like fighting
25 = fine
26 = friendly
27 = furious
28 = giggly
29 = like giving-up
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31 = great
32 = grouchy
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61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful

Table L

VARIMAX ROTATED FACTOR MATRIX
6 FACTORS ON FEMALES

Sr = SURGENCY Sm = MASTERY/SELF-ESTEEM
Sd = SADNESS Df = DEPERSONALIZATION/FATIGUE
Ag = AGGRESSION Fe = FRUSTRATION/EMBARRASSMENT

	FACTOR 1 Sr	FACTOR 2 Sd	FACTOR 3 Ag	FACTOR 4 Sm	FACTOR 5 Df	FACTOR 6 Fe
VAR1	0.60909	-0.19754	-0.06076	0.05849	0.02346	-0.21291
VAR2	0.14336	-0.03090	0.08748	0.26095	-0.04201	-0.23249
VAR3	0.02489	0.12736	0.23446	-0.01754	0.06135	0.22018
VAR4	-0.08747	0.21518	0.33935	-0.05982	-0.15510	0.14919
VAR5	0.12733	0.04973	0.09143	-0.05108	0.04649	0.38189
VAR6	-0.13309	0.30760	0.22993	-0.10923	-0.10388	0.37543
VAR7	0.11142	0.01235	-0.07205	0.11352	-0.02209	0.31740
VAR8	-0.11734	0.19981	0.07535	0.12151	0.10947	0.29632
VAR9	-0.34266	0.21277	0.06489	0.05336	0.23689	0.23700
VAR10	-0.01356	0.06279	0.42908	0.09148	0.21294	0.22716
VAR11	0.16596	-0.00247	0.12935	0.38025	0.00237	0.04542
VAR12	0.07517	-0.07191	-0.13068	0.01642	-0.10546	-0.47080
VAR13	0.61915	-0.16745	-0.00734	0.17162	0.01986	-0.13257
VAR14	-0.15753	0.32039	-0.14447	0.01690	0.18880	0.43098
VAR15	0.22399	-0.02487	-0.13654	0.07581	-0.03795	-0.57789
VAR16	0.02322	0.18485	0.43606	-0.07576	-0.14758	0.13883
VAR17	-0.17308	-0.11246	0.24549	0.18070	0.17027	0.22343
VAR18	-0.06279	0.43699	0.14905	0.00866	-0.00431	0.31594
VAR19	-0.10505	0.46128	0.25402	0.15999	-0.03723	-0.19071
VAR20	-0.15571	0.08090	0.09599	0.05217	0.34145	0.30320
VAR21	0.01462	0.30472	-0.04249	0.09303	-0.02432	0.42096
VAR22	0.40441	0.16780	-0.06657	0.36106	0.04729	-0.19107
VAR23	-0.33959	0.23690	0.48983	0.11346	0.07571	0.21757
VAR24	-0.33214	0.09894	0.24691	0.44343	0.23591	-0.07233
VAR25	0.59633	-0.20015	-0.23845	-0.07203	-0.04450	-0.12125
VAR26	0.47012	-0.11054	-0.40418	-0.12595	-0.03423	-0.04886
VAR27	0.03443	0.17146	0.44849	0.04618	-0.02933	0.19193
VAR28	0.22393	0.12774	-0.03609	0.49620	0.17748	0.01837
VAR29	-0.23725	0.38088	0.35404	-0.05614	0.09691	0.30665
VAR30	0.56325	-0.30354	-0.15959	0.16642	0.08838	0.03647
VAR31	0.64061	-0.09311	-0.06666	0.21735	-0.01993	0.03702
VAR32	-0.46032	0.35844	0.25829	0.03029	-0.05994	0.16110
VAR33	-0.38379	0.14547	0.43390	0.04339	0.24157	0.21968
VAR34	0.18725	0.03274	-0.08935	0.47125	-0.12356	0.13384

1 = good	2 = active
3 = afraid	4 = angry
5 = ashamed	6 = awful
7 = bashful	8 = "blue"
9 = bored	10 = bossy
11 = brave	12 = calm
13 = cheerful	14 = confused
15 = cooperative	16 = like crying
17 = cruel	18 = disappointed
19 = disturbed	20 = dumb
21 = embarrassed	22 = excited
23 = fed-up	24 = like fighting
25 = fine	26 = friendly
27 = furious	28 = giggly
29 = like giving-up	30 = glad
31 = great	32 = grouchy
33 = grumpy	34 = handsome/pretty

	Sr	Sd	Ag	Sm	Df	Fe
VAR35	0.65262	-0.18212	-0.22605	0.19259	-0.05195	-0.05850
VAR36	0.42813	-0.00259	-0.10562	0.25704	-0.17216	0.04728
VAR37	-0.20648	0.18600	0.57846	0.22894	-0.00082	-0.20117
VAR38	-0.14261	0.36512	0.13719	0.05779	0.11405	0.05985
VAR39	0.69253	-0.05613	-0.07258	0.30374	-0.16633	0.01626
VAR40	-0.14027	0.18527	-0.00226	0.47505	0.17011	0.08653
VAR41	0.12033	0.19637	-0.03155	0.54331	0.14311	-0.07056
VAR42	-0.35382	0.15839	0.38895	0.22313	0.08873	0.04173
VAR43	0.68264	-0.05216	-0.19714	0.08320	-0.17222	-0.06790
VAR44	0.24884	0.06566	0.00582	0.56808	0.07109	0.07287
VAR45	-0.39151	0.14201	0.12238	-0.04143	0.40326	-0.13192
VAR46	0.22872	-0.18963	0.03050	0.03948	-0.49200	-0.05001
VAR47	-0.30432	0.49780	0.07285	0.08011	0.24364	0.07941
VAR48	0.29536	-0.13838	-0.00997	0.36904	-0.12949	-0.02102
VAR49	-0.29676	0.00590	0.55364	0.05696	0.22618	-0.04866
VAR50	-0.46337	0.37074	0.15368	0.04870	0.12658	0.21653
VAR51	-0.26113	0.44822	0.06210	0.15834	0.36812	0.23571
VAR52	0.11793	0.17626	-0.06952	0.28148	-0.01231	-0.01817
VAR53	0.11500	0.38413	0.13485	0.02131	0.35273	0.18634
VAR54	0.39543	-0.26018	0.03034	0.11658	-0.13717	-0.01555
VAR55	0.40378	-0.03190	-0.00038	0.46083	-0.10502	-0.00620
VAR56	0.30095	0.00777	-0.23066	0.05606	-0.32924	0.03938
VAR57	0.07009	-0.11280	0.10527	0.60175	-0.07028	0.05490
VAR58	0.42454	-0.04457	0.11523	0.42268	-0.22900	0.11674
VAR59	-0.39698	0.47661	0.01810	-0.06441	0.25259	0.09354
VAR60	0.00938	-0.12790	0.40848	0.00843	0.41933	0.17739
VAR61	-0.28120	0.56327	0.07531	-0.07482	0.12555	0.06303
VAR62	0.02443	-0.00999	0.37268	0.15959	0.44826	-0.07965
VAR63	0.15196	0.30684	0.10406	0.10006	0.15436	0.17706
VAR64	0.54404	-0.07052	0.05355	0.31768	-0.05940	0.01241
VAR65	-0.03872	0.26094	0.25307	-0.08908	0.50963	0.03684
VAR66	-0.02069	-0.07658	0.02077	0.70963	0.06345	0.09371
VAR67	-0.31092	0.31257	0.49237	-0.05738	0.13438	-0.02143
VAR68	-0.22994	0.53213	0.33722	-0.08963	0.19713	0.11307
VAR69	-0.12400	0.26401	0.01443	0.00994	0.50910	0.01679
VAR70	-0.11786	-0.07009	0.11849	0.59088	0.07833	0.04039
VAR71	-0.16687	0.55295	0.28621	-0.02467	0.10076	-0.07926
VAR72	-0.05640	0.19046	0.56855	-0.08714	0.33216	-0.00424
VAR73	-0.11093	0.11495	0.55789	0.04550	0.21908	0.04871
VAR74	-0.04919	0.70888	0.12120	-0.04432	0.10882	0.14023
VAR75	-0.28137	0.65947	0.14094	0.02480	-0.01763	-0.02565
VAR76	-0.12896	0.29029	0.07583	-0.27463	0.35057	0.14887
VAR77	-0.05216	0.14750	0.07330	0.10807	0.52106	0.11438
VAR78	-0.08959	-0.05616	0.17510	0.19671	-0.02663	0.50276
VAR79	-0.06824	0.47841	0.04191	0.04647	0.29431	0.08516
VAR80	-0.18184	0.41301	0.15731	-0.04895	0.09137	0.25386
VAR81	0.64578	-0.13351	-0.04262	0.16098	-0.14998	0.05077

35 = happy
36 = helpful
37 = like hitting
38 = ignored
39 = joyful
40 = jealous
41 = jumpy
42 = like kicking
43 = kind
44 = like laughing
45 = lazy
46 = liked
47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful

Table M

VARIMAX ROTATED FACTOR MATRIX
6 FACTORS ON MALES

Sr = SURGENCY
Ag = AGGRESSION
Sd = SADNESS
Sm = MASTERY/SELF-ESTEEM
Fe = FRUSTRATION/EMBARRASSMENT
Df = DEPERSONALIZATION/FATIGUE

	FACTOR 1 Sr	FACTOR 2 Ag	FACTOR 3 Sd	FACTOR 4 Sm	FACTOR 5 Fe	FACTOR 6 Df
good	0.58179	-0.16893	0.01060	0.01624	-0.34166	-0.05990
active	0.07723	-0.14726	-0.09640	0.43556	0.03797	-0.07375
afraid	0.05752	0.18136	0.41719	-0.04427	0.06985	-0.11317
angry	-0.08559	0.39201	0.25439	0.02958	0.27977	-0.11356
ashamed	0.07807	0.11908	0.31218	-0.28215	0.23027	-0.04282
awful	-0.08979	0.14105	0.13656	0.06333	0.29703	0.07820
bashful	0.08233	0.12593	0.25106	-0.07510	-0.16728	0.06225
"blue"	0.02281	0.01927	0.40692	0.06965	0.16827	-0.11093
bored	-0.19426	0.09193	0.03371	-0.01411	0.34868	0.31809
bossy	-0.13621	0.55237	-0.05524	0.12611	0.12431	0.09176
brave	0.07151	0.12413	0.04201	0.56435	0.00204	0.01707
calm	0.05980	-0.29534	-0.07097	0.12209	-0.35675	0.07107
cheerful	0.56533	0.00536	-0.06691	0.11294	-0.22844	0.02397
confused	-0.06852	0.12812	0.21023	-0.00426	0.40212	0.14417
cooperative	0.20369	-0.26789	0.00627	0.16203	-0.30215	0.06214
like crying	0.10359	0.15299	0.36210	-0.02134	0.34161	0.02827
cruel	-0.07340	0.58152	0.11783	0.04043	-0.03669	-0.01161
disappointed	-0.15169	-0.13318	0.36239	0.02768	0.35802	0.11803
disturbed	0.00677	0.31857	0.25389	-0.08715	0.13393	0.18682
dumb	0.00985	0.23531	0.13382	-0.08776	0.18658	0.36510
embarrassed	0.05805	0.07624	0.23490	-0.16583	-0.03323	-0.02507
excited	0.38348	-0.02943	0.01465	0.28516	-0.18662	0.30783
fed-up	-0.33489	0.19556	0.10449	0.15986	0.49919	0.01977
like fighting	-0.19207	0.50532	0.08273	0.27691	-0.00650	0.19842
fine	0.50571	-0.30131	-0.08516	0.02134	-0.06995	0.04082
friendly	0.51721	-0.40184	0.06839	0.02008	-0.01651	-0.01639
furious	-0.08756	0.56167	0.08483	0.05983	0.24048	0.04360
giggly	0.27575	0.13288	-0.06285	0.17489	0.23144	0.47853
like giving-up	-0.22658	0.04747	0.29227	-0.05471	0.34505	0.27653
glad	0.68735	-0.18597	-0.05315	0.06954	-0.14324	-0.10119
great	0.67314	-0.06289	-0.05862	0.11630	-0.26026	-0.02039
grouchy	-0.34163	0.42850	0.15226	0.05606	0.18257	0.00776
grumpy	-0.46562	0.35224	0.12168	0.11806	0.11928	0.03367
handsome/pretty	0.20100	0.09893	0.01167	0.42363	0.03528	-0.06429

	Sr	Ag	Sd	Sm	Fe	Df
happy	0.73217	-0.20403	-0.07681	0.01241	-0.14679	-0.01060
helpful	0.48630	-0.27968	0.03632	0.15331	0.18519	-0.11226
like hitting	-0.16921	0.50468	0.00345	0.27613	0.03972	0.22493
ignored	-0.03544	0.14178	0.31525	-0.12393	0.03663	0.21918
joyful	0.73117	-0.07341	-0.03126	0.11365	-0.11891	0.00196
jealous	-0.00634	0.04537	0.35851	0.16737	0.14824	-0.03433
jumpy	-0.01267	0.02219	0.08575	0.28256	0.02363	0.43394
like kicking	-0.13824	0.32603	0.13689	0.22392	0.20189	0.20852
kind	0.62311	-0.26726	0.08875	-0.00715	0.12865	-0.22000
like laughing	0.31859	-0.01382	-0.13009	0.34064	0.28109	0.35517
lazy	-0.27197	0.20671	0.25589	-0.11832	-0.00370	0.25530
liked	0.37878	-0.12959	-0.03616	0.27321	0.07979	-0.17271
lonely	-0.17565	0.04419	0.46021	-0.13377	-0.04284	0.14427
lucky	0.50520	0.06444	-0.18765	0.24929	0.12581	-0.10626
mean	-0.30632	0.59238	-0.01575	0.01842	0.04749	0.13913
miserable	-0.41984	0.10110	0.32043	0.08735	0.22774	0.07167
mixed-up	-0.19619	0.10719	0.41800	-0.03101	0.05440	0.33371
needed	0.19905	-0.13537	0.11956	0.31551	0.16971	-0.02426
nervous	0.02683	0.19893	0.29794	-0.04143	-0.01649	0.20095
okay	0.41729	-0.36894	-0.27758	0.03721	-0.08421	0.12767
playful	0.35957	-0.03726	-0.08884	0.43610	0.07749	0.12845
polite	0.38128	-0.38305	-0.04288	0.06778	0.25848	-0.00395
powerful	0.08091	0.14809	0.07529	0.68475	-0.07397	0.09520
proud	0.45113	-0.04327	-0.08794	0.39917	0.11471	-0.12178
rotten	-0.32263	0.36868	0.30062	-0.24344	0.23120	0.15764
rude	-0.09337	0.57535	0.20129	-0.07355	0.07405	-0.03202
sad	-0.18881	-0.00773	0.61787	0.01331	0.18849	0.03481
sassy	-0.06603	0.18842	-0.04289	0.01162	0.00992	0.30379
shy	0.15132	0.17811	0.44510	-0.01337	-0.23866	-0.09868
like smiling	0.61059	-0.12779	-0.15100	0.08136	0.16369	0.09122
strange	-0.20802	-0.04466	0.35259	0.06938	-0.18051	0.27448
strong	0.08554	0.09213	-0.01408	0.71614	-0.07911	0.02454
bad-tempered	-0.37429	0.40547	0.14643	0.10265	0.11858	0.13673
terrible	-0.16481	0.26274	0.39943	-0.11889	0.21309	0.09571
tired	-0.01317	0.01840	0.27044	-0.00549	0.05317	0.46330
tough	-0.02698	0.16763	-0.00074	0.62618	-0.12988	0.16507
trapped	-0.06115	0.18026	0.52179	0.02702	0.07294	0.10222
unfriendly	-0.21715	0.43462	0.22496	-0.04608	0.08492	0.29715
unkind	-0.23401	0.58116	0.29840	0.02976	-0.03056	0.12340
unwanted	-0.20516	-0.03169	0.59423	0.01261	0.09895	0.19721
upset	-0.18712	0.08763	0.66663	0.08834	0.17681	0.04533
weak	-0.11587	-0.00978	0.27419	-0.29471	0.00260	0.25746
weird	-0.16535	0.02853	0.36673	-0.00437	-0.09252	0.46197
like whining	0.24382	0.22641	0.15905	-0.09280	0.29798	0.09024
worried	-0.16031	0.01316	0.56191	0.13443	0.02738	0.25499
worthless	-0.07568	-0.06059	0.36398	-0.18178	0.25066	0.30400
wonderful	0.56865	-0.07913	-0.15920	0.28277	-0.16142	-0.18209

Table N

VARIMAX ROTATED FACTOR MATRIX
6 FACTORS ON 3RD 4TH GRADE

Sr = SURGENCY
Sd = SADNESS
Ag = AGGRESSION
Sm = MASTERY/SELF-ESTEEM
Fe = FRUSTRATION/EMBARRASSMENT
Df = DEPERSONALIZATION/FATIGUE

	FACTOR 1 Sr	FACTOR 2 Sd	FACTOR 3 Ag	FACTOR 4 Sm	FACTOR 5 Fe	FACTOR 6 Df
VAR1	0.67256	-0.03079	-0.07187	-0.00556	-0.20751	-0.08149
VAR2	0.11878	0.03450	-0.07230	0.23815	-0.21120	0.11194
VAR3	0.06307	0.28067	0.17946	0.09065	0.19388	-0.08937
VAR4	-0.08932	0.14336	0.49403	-0.01935	0.27091	0.04312
VAR5	0.10982	0.06060	0.17775	-0.06154	0.44726	-0.07724
VAR6	-0.07165	0.21431	0.17780	-0.04953	0.30434	0.19139
VAR7	0.14947	0.13441	0.09312	0.07194	0.16290	-0.34028
VAR8	-0.03134	0.23904	0.02720	0.19112	0.17570	-0.17430
VAR9	-0.27493	0.22011	0.03846	0.03567	0.19746	0.21762
VAR10	-0.09424	-0.03360	0.55896	-0.04141	0.01868	0.18508
VAR11	0.15596	0.00253	0.08379	0.50411	0.04140	-0.01374
VAR12	0.14341	-0.01024	-0.10426	0.03242	-0.41320	0.09245
VAR13	0.59295	-0.09007	0.01673	0.12256	-0.10411	0.06740
VAR14	-0.16067	0.28912	-0.09360	0.09165	0.32632	-0.02280
VAR15	0.21131	0.00351	-0.03635	0.04091	-0.43435	0.08933
VAR16	0.06143	0.27792	0.05121	0.09922	0.40259	0.05457
VAR17	-0.09827	0.17863	0.30044	0.18179	0.08303	-0.23371
VAR18	-0.07361	0.23300	-0.00580	-0.04136	0.38781	0.37553
VAR19	0.00200	0.26003	0.36761	0.11744	0.01806	0.03991
VAR20	-0.22882	0.33698	-0.02982	0.09264	0.30193	0.03785
VAR21	0.01295	0.20404	-0.01650	-0.01335	0.32688	-0.16574
VAR22	0.37403	0.10845	0.01658	0.25390	-0.28842	0.16195
VAR23	-0.40262	0.23035	0.11509	0.09315	0.27991	0.19945
VAR24	-0.29082	0.34174	0.26295	0.32600	-0.14238	-0.05087
VAR25	0.50441	-0.21114	-0.26656	-0.00754	0.04011	0.17680
VAR26	0.55513	-0.00603	-0.33146	-0.05855	-0.00152	-0.02770
VAR27	0.02255	0.13728	0.52049	-0.00904	0.21988	-0.11842
VAR28	0.13159	0.08544	0.00029	0.37659	0.04632	0.56379
VAR29	-0.39778	0.22371	0.18892	-0.00442	0.39793	0.27464
VAR30	0.73230	-0.12078	-0.07606	0.04473	-0.17557	0.01169
VAR31	0.69241	-0.06836	0.00802	0.13773	-0.11490	0.02252
VAR32	-0.37448	0.21721	0.26718	0.09778	0.10415	-0.14928
VAR33	-0.43427	0.17206	0.30370	0.09424	0.14167	0.11845
VAR34	0.15738	0.00464	-0.12026	0.48283	0.07092	-0.00041

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25 = fine	26 = friendly
27 = furious	28 = giggly
29 = like giving-up	30 = glad
31 = great	32 = grouchy
33 = grumpy	34 = handsome/pretty

	Sr	Sd	Ag	Sm	Fe	Df
VAR35	0.76301	-0.19934	-0.13133	0.02482	-0.15566	-0.02864
VAR36	0.47455	-0.01874	-0.23855	0.12292	0.08391	0.04640
VAR37	-0.18275	0.11582	0.49761	0.21196	-0.04523	0.09994
VAR38	-0.03789	0.26153	0.03392	0.00459	0.12152	-0.05887
VAR39	0.68662	-0.06267	0.02860	0.23342	-0.06525	0.05679
VAR40	-0.05733	0.19572	0.06493	0.15858	0.21439	0.10484
VAR41	0.10342	0.26199	-0.03539	0.30268	-0.12040	0.38386
VAR42	-0.27448	0.04737	0.35492	0.21133	0.14774	0.18591
VAR43	0.71321	-0.04585	-0.24963	0.06161	0.06096	-0.11828
VAR44	0.22669	0.01284	-0.00777	0.44670	0.09547	0.45268
VAR45	-0.29653	0.28063	0.24713	-0.18024	0.02188	0.23491
VAR46	0.36498	-0.17408	-0.10927	0.18181	0.13814	-0.08196
VAR47	-0.10234	0.53901	0.10079	-0.09096	0.09072	-0.03605
VAR48	0.36302	-0.15242	-0.01577	0.44319	-0.01481	-0.13988
VAR49	-0.34106	0.16177	0.62365	0.03825	-0.04729	0.06978
VAR50	-0.46489	0.34894	0.04173	0.02415	0.25698	0.00966
VAR51	-0.18481	0.54022	0.13687	-0.02896	0.06907	0.11580
VAR52	0.12211	0.04748	-0.12990	0.27472	0.10297	0.09089
VAR53	-0.00731	0.40459	0.17473	-0.02066	0.05439	0.12329
VAR54	0.41293	-0.27313	-0.32717	0.09735	0.06505	0.19850
VAR55	0.36749	-0.00484	-0.08612	0.46607	-0.09768	0.18612
VAR56	0.29159	-0.06908	-0.39272	0.08618	-0.03357	0.10866
VAR57	0.03386	0.01720	0.08380	0.67565	-0.01909	-0.04092
VAR58	0.39477	-0.17143	-0.01230	0.40509	0.14012	-0.06297
VAR59	-0.34379	0.40245	0.29988	-0.13892	0.11908	-0.02018
VAR60	-0.11795	0.07821	0.59547	-0.08457	0.15987	-0.08313
VAR61	-0.26657	0.65201	0.03493	-0.04756	0.12811	-0.01022
VAR62	0.02788	0.11196	0.11400	0.01446	-0.09188	0.32735
VAR63	0.17102	0.51687	0.12304	0.02174	0.07673	0.01838
VAR64	0.49941	-0.13113	-0.12175	0.20506	0.12583	0.25670
VAR65	-0.14915	0.47820	0.04038	0.03325	-0.05591	0.13488
VAR66	-0.02884	0.00090	0.08109	0.71991	-0.05303	0.00898
VAR67	-0.38759	0.32185	0.37483	0.05162	0.14786	0.06151
VAR68	-0.19071	0.45012	0.22677	-0.06752	0.19757	0.07246
VAR69	0.02238	0.40878	0.08097	-0.00206	0.03959	0.37960
VAR70	-0.11872	0.02457	0.22305	0.57182	-0.06162	0.07083
VAR71	-0.09898	0.53054	0.23652	-0.00516	0.02195	-0.05518
VAR72	-0.20374	0.24566	0.50620	-0.03893	0.20053	0.22122
VAR73	-0.10993	0.41512	0.55606	0.02095	0.02246	-0.07127
VAR74	-0.10096	0.60821	-0.01967	-0.03182	0.24390	0.08502
VAR75	-0.18671	0.59488	0.09016	-0.03325	0.15002	-0.05454
VAR76	-0.07504	0.33306	0.16352	-0.28507	0.18620	0.31448
VAR77	-0.20492	0.41814	0.01489	0.12698	0.05046	0.13581
VAR78	0.00466	0.13265	0.09917	0.10669	0.52684	0.02986
VAR79	-0.13413	0.61056	0.16554	0.10640	0.01447	0.16112
VAR80	-0.16109	0.20494	0.06803	-0.08173	0.38752	0.17275
VAR81	0.61641	-0.11761	-0.11091	0.23277	-0.05855	-0.04726

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43 = kind
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45 = lazy
46 = liked
47 = lonely
48 = lucky
49 = mean
50 = miserable
51 = mixed-up
52 = needed
53 = nervous
54 = okay
55 = playful
56 = polite
57 = powerful
58 = proud
59 = rotten
60 = rude
61 = sad
62 = sassy
63 = shy
64 = like smiling
65 = strange
66 = strong
67 = bad-tempered
68 = terrible
69 = tired
70 = tough
71 = trapped
72 = unfriendly
73 = unkind
74 = unwanted
75 = upset
76 = weak
77 = weird
78 = like whining
79 = worried
80 = worthless
81 = wonderful

Table 0

VARIMAX ROTATED FACTOR MATRIX
6 FACTORS ON 5TH 6TH GRADE

Sr = SURGENCY
Sd = SADNESS
Ag = AGGRESSION
Df = DEPERSONALIZATION/FATIGUE
Sm = MASTERY/SELF-ESTEEM
Fe = FRUSTRATION/EMBARRASSMENT

	FACTOR 1 Sr	FACTOR 2 Sd	FACTOR 3 Ag	FACTOR 4 Df	FACTOR 5 Sm	FACTOR 6 Fe
VAR1	0.44073	-0.20318	-0.42347	0.01159	0.04900	0.05346
VAR2	0.32065	-0.14131	0.04787	-0.01179	0.23932	-0.27270
VAR3	-0.01643	0.11981	0.19462	0.03370	-0.21234	0.42385
VAR4	-0.03579	0.16692	0.42211	-0.01312	0.00707	-0.10010
VAR5	0.11969	0.22468	0.09078	0.17633	-0.37092	0.02210
VAR6	-0.04444	0.14552	0.51120	-0.09485	-0.13542	0.10092
VAR7	-0.02849	0.07602	-0.05440	-0.05855	0.13258	0.53639
VAR8	0.12679	0.39480	0.22027	0.12415	-0.19391	-0.07220
VAR9	-0.14529	0.21982	0.30157	0.22074	-0.04983	-0.02032
VAR10	0.03899	0.03794	0.54321	0.32077	0.15593	0.06783
VAR11	0.20933	0.11258	0.05017	0.15178	0.44790	-0.17261
VAR12	0.03515	-0.16959	-0.44584	-0.12093	0.01456	-0.12866
VAR13	0.54325	-0.14627	-0.31929	0.11123	0.11770	-0.12855
VAR14	-0.01378	0.33153	0.25778	0.13322	-0.13606	0.21765
VAR15	0.24600	-0.12884	-0.45057	-0.08568	0.04466	0.00269
VAR16	-0.04756	0.13273	0.41598	-0.07486	-0.05660	0.12193
VAR17	-0.09827	-0.06069	0.41988	0.37150	0.16215	-0.00514
VAR18	0.04332	0.47232	0.28233	-0.00712	-0.21516	0.05473
VAR19	-0.10590	0.42388	0.14391	0.12375	0.06066	0.06370
VAR20	0.10286	0.08505	0.19996	0.37383	-0.17221	0.16759
VAR21	0.13253	0.15385	0.16458	0.11281	-0.19505	0.22822
VAR22	0.45291	0.09741	-0.20246	0.04447	0.28958	0.18683
VAR23	-0.07818	0.29084	0.58559	0.10059	0.07915	-0.08961
VAR24	-0.10435	-0.02250	0.41554	0.38520	0.40986	0.09765
VAR25	0.43460	-0.11266	-0.45430	-0.08488	0.00198	-0.24941
VAR26	0.37118	-0.00324	-0.52318	-0.14654	-0.07461	-0.04608
VAR27	0.01106	0.07710	0.57269	0.27301	0.15313	-0.03468
VAR28	0.38309	0.04928	0.09926	0.13612	0.16295	0.25119
VAR29	-0.02472	0.51564	0.19730	0.18434	-0.08625	-0.08600
VAR30	0.59106	-0.15039	-0.27662	-0.02592	-0.03563	-0.08374
VAR31	0.60415	-0.11023	-0.28273	0.00825	0.10928	-0.08282
VAR32	-0.27447	0.34323	0.50464	0.13377	0.05700	-0.10292
VAR33	-0.33280	0.25152	0.37976	0.30647	0.13621	-0.16488
VAR34	0.32879	-0.00324	0.11088	-0.05446	0.32989	0.07872

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	Sr	Sd	Ag	Df	Sm	Fe
VAR35	0.61918	-0.12607	-0.31835	-0.09294	0.02055	0.14244
VAR36	0.58892	-0.02454	-0.06480	-0.12766	-0.04561	-0.01718
VAR37	-0.12217	0.08503	0.39315	0.26556	0.42443	0.03663
VAR38	-0.08965	0.47459	0.13724	0.17199	-0.01469	0.12529
VAR39	0.72093	-0.14556	-0.21500	-0.09387	0.04173	0.00869
VAR40	0.02427	0.33428	0.04883	0.01729	0.06434	0.06247
VAR41	0.21014	0.08573	0.12882	0.13459	0.29247	0.30763
VAR42	-0.05972	0.31494	0.32073	0.20897	0.23137	0.07645
VAR43	0.57025	-0.03044	-0.25293	-0.15424	-0.12836	-0.10296
VAR44	0.51039	0.00967	0.14306	-0.01059	0.18141	0.18220
VAR45	-0.32930	0.25357	-0.01181	0.35432	0.04732	-0.01369
VAR46	0.30645	-0.21560	-0.01270	-0.38187	0.07294	0.01688
VAR47	-0.27653	0.54457	-0.00372	0.10243	0.07372	0.11013
VAR48	0.52690	-0.22120	0.09881	0.01756	0.04521	-0.04652
VAR49	-0.26529	-0.04844	0.42397	0.32201	0.17607	-0.02294
VAR50	-0.29913	0.40739	0.28725	0.05368	0.09457	0.15254
VAR51	-0.08700	0.52810	0.12560	0.28872	0.00847	0.22733
VAR52	0.33654	0.22729	0.01618	-0.14059	0.12637	0.01144
VAR53	0.08479	0.23514	0.09150	0.24365	-0.07628	0.52555
VAR54	0.38049	-0.22230	-0.29110	-0.07541	0.00387	-0.13172
VAR55	0.49180	-0.07807	0.07167	-0.13944	0.25166	0.16897
VAR56	0.46534	-0.00111	-0.02602	-0.33218	-0.19208	-0.02045
VAR57	0.20360	0.00212	0.07910	0.10341	0.67389	0.02173
VAR58	0.58604	-0.05191	0.06030	-0.09327	0.32878	-0.03226
VAR59	-0.30069	0.48836	0.28395	0.22919	-0.11657	-0.12002
VAR60	-0.03513	0.03402	0.27342	0.51259	0.09037	-0.00899
VAR61	-0.16082	0.62291	0.09741	-0.12917	0.01716	-0.00154
VAR62	-0.07909	0.02462	0.17499	0.52390	0.18946	-0.03745
VAR63	0.03477	0.05267	-0.01823	-0.03418	0.05612	0.53471
VAR64	0.64878	-0.15267	-0.04800	-0.13556	-0.01458	0.18268
VAR65	-0.10588	0.26870	-0.06312	0.47661	-0.09644	0.04205
VAR66	0.17936	0.01823	0.00637	0.05413	0.75949	-0.00431
VAR67	-0.32371	0.12573	0.37286	0.27304	0.19478	-0.03720
VAR68	-0.19267	0.51545	0.27580	0.30151	-0.05568	-0.16488
VAR69	-0.09533	0.30331	-0.03546	0.35145	-0.11611	0.15141
VAR70	0.08385	0.02889	0.03310	0.05723	0.70983	0.03132
VAR71	-0.04614	0.52531	0.22359	0.08522	0.01643	0.02005
VAR72	-0.17826	0.19787	0.18479	0.57891	0.08654	-0.07196
VAR73	-0.19987	0.05890	0.40586	0.48460	0.13736	0.01017
VAR74	-0.15232	0.70990	0.01234	0.03033	0.04437	0.17530
VAR75	-0.12498	0.72230	0.19626	-0.09252	0.10349	0.07980
VAR76	-0.19725	0.29717	-0.09447	0.18817	-0.34958	-0.00263
VAR77	-0.02234	0.25532	-0.10181	0.53391	-0.04896	0.28428
VAR78	0.20233	0.05550	0.33871	-0.05069	0.10216	0.05104
VAR79	-0.03985	0.50349	-0.05151	0.06596	-0.04187	0.34207
VAR80	-0.06987	0.62247	0.03140	0.11239	-0.07852	0.02031
VAR81	0.59834	-0.27844	-0.13890	-0.08638	0.08267	-0.09634

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